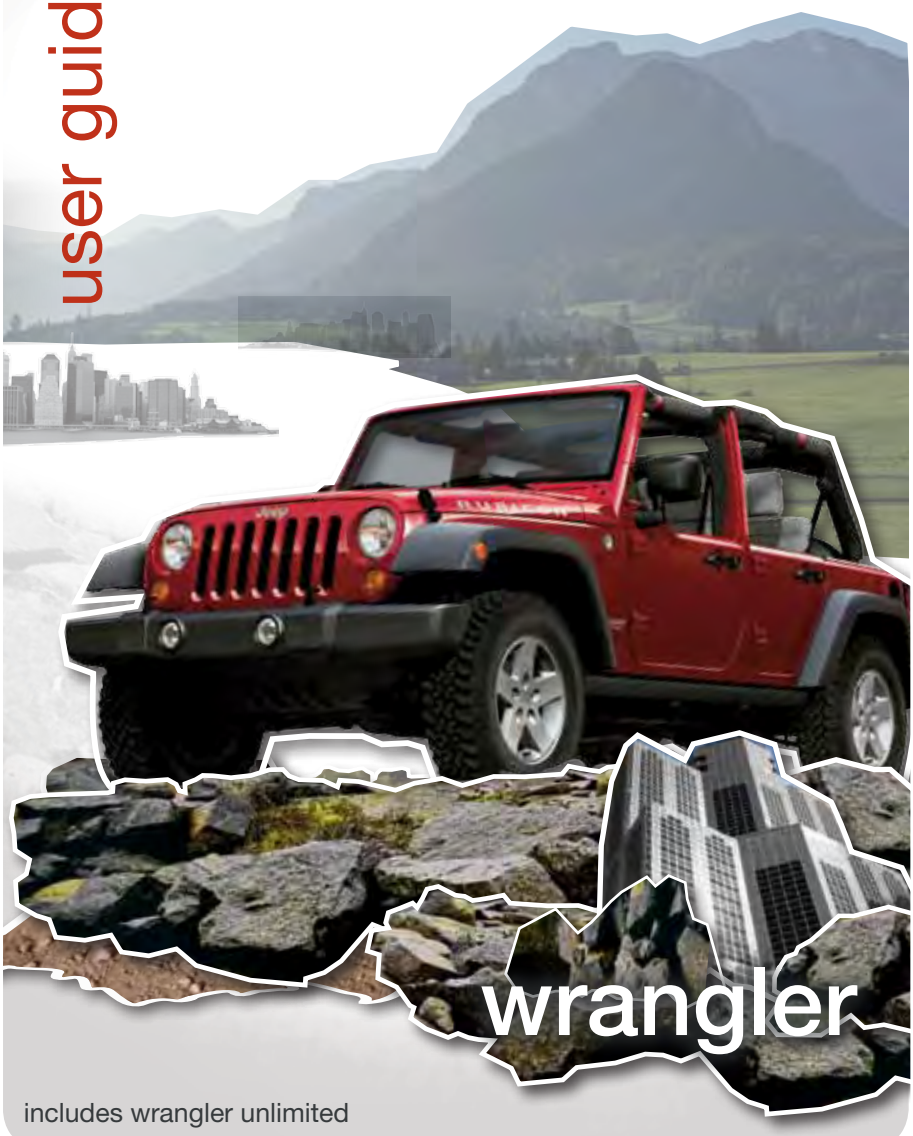
Jeep®

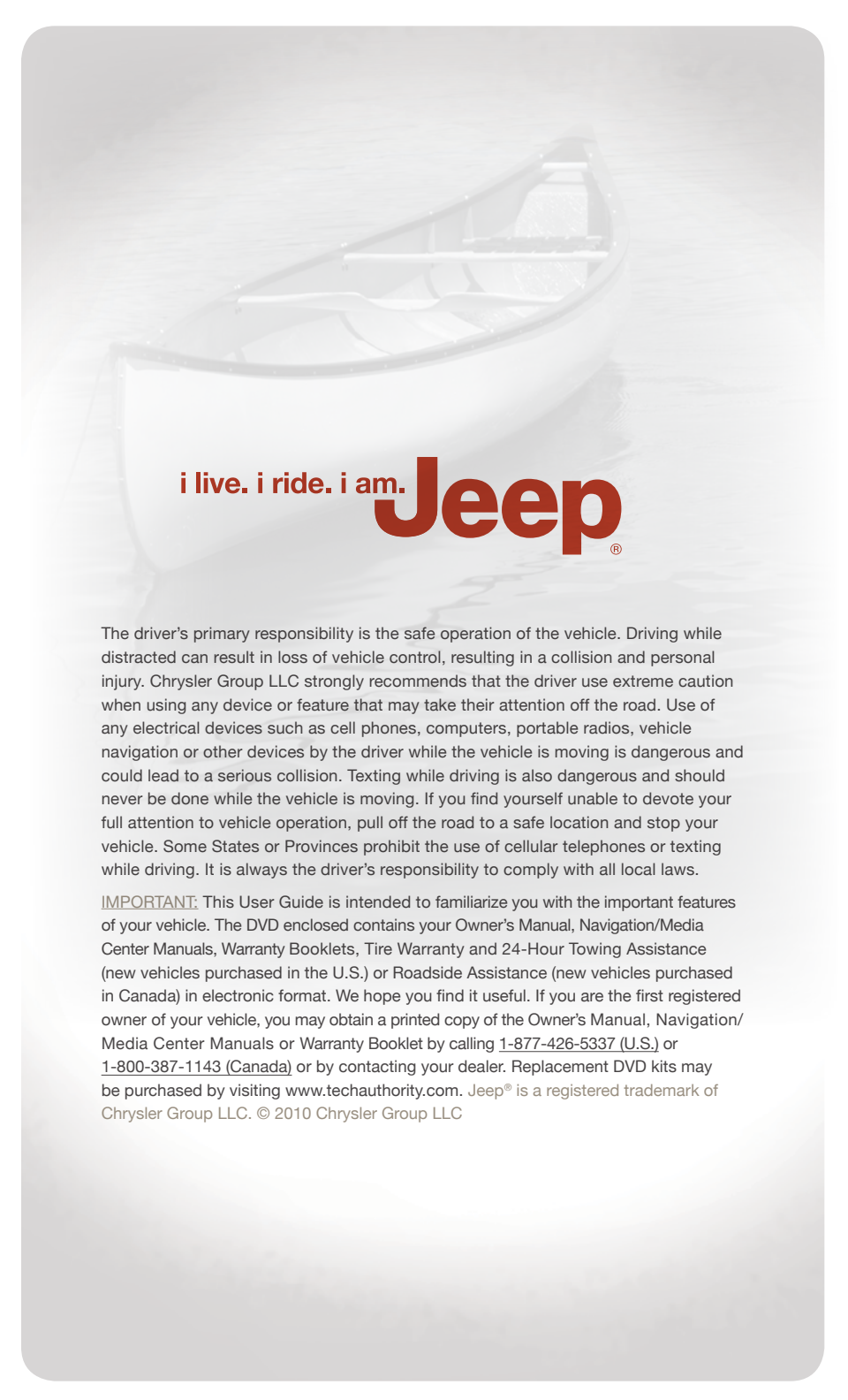
2011

user guide



wrangler

includes wrangler unlimited



i live. i ride. i am. Jeep®

The driver's primary responsibility is the safe operation of the vehicle. Driving while distracted can result in loss of vehicle control, resulting in a collision and personal injury. Chrysler Group LLC strongly recommends that the driver use extreme caution when using any device or feature that may take their attention off the road. Use of any electrical devices such as cell phones, computers, portable radios, vehicle navigation or other devices by the driver while the vehicle is moving is dangerous and could lead to a serious collision. Texting while driving is also dangerous and should never be done while the vehicle is moving. If you find yourself unable to devote your full attention to vehicle operation, pull off the road to a safe location and stop your vehicle. Some States or Provinces prohibit the use of cellular telephones or texting while driving. It is always the driver's responsibility to comply with all local laws.

IMPORTANT: This User Guide is intended to familiarize you with the important features of your vehicle. The DVD enclosed contains your Owner's Manual, Navigation/Media Center Manuals, Warranty Booklets, Tire Warranty and 24-Hour Towing Assistance (new vehicles purchased in the U.S.) or Roadside Assistance (new vehicles purchased in Canada) in electronic format. We hope you find it useful. If you are the first registered owner of your vehicle, you may obtain a printed copy of the Owner's Manual, Navigation/Media Center Manuals or Warranty Booklet by calling 1-877-426-5337 (U.S.) or 1-800-387-1143 (Canada) or by contacting your dealer. Replacement DVD kits may be purchased by visiting www.techauthority.com. Jeep® is a registered trademark of Chrysler Group LLC. © 2010 Chrysler Group LLC

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INTRODUCTION/WELCOME

WELCOME FROM CHRYSLER GROUP LLC

Congratulations on selecting your new Chrysler Group LLC vehicle. Be assured that it represents precision workmanship, distinctive styling, and high quality - all essentials that are traditional to our vehicles.

Your new Chrysler Group LLC vehicle has characteristics to enhance the driver's control under some driving conditions. These are to assist the driver and are never a substitute for attentive driving. They can never take the driver's place. Always drive carefully.

Your new vehicle has many features for the comfort and convenience of you and your passengers. Some of these should not be used when driving because they take your eyes from the road or your attention from driving. Never text while driving or take your eyes more than momentarily off the road.

This guide illustrates and describes the operation of features and equipment that are either standard or optional on this vehicle. This guide may also include a description of features and equipment that are no longer available or were not ordered on this vehicle. Please disregard any features and equipment described in this guide that are not available on this vehicle. Chrysler Group LLC reserves the right to make changes in design and specifications and/or make additions to or improvements to its products without imposing any obligation upon itself to install them on products previously manufactured.

The User Guide has been prepared to help you quickly become acquainted with the important features of your vehicle. It contains most everything you will need to operate and maintain the vehicle, including emergency information.

The DVD includes a computer application containing detailed owner's information which can be viewed on a personal computer or MAC computer. The multimedia DVD also includes videos which can be played on any standard DVD player (including the Media Center Touch-Screen Radios). Additional DVD operational information is located on the back of the DVD sleeve.

For complete owner information, refer to your owner's manual on the DVD in the owner's kit provided at the time of new vehicle purchase. For your convenience, the information contained on the DVD may also be printed and saved for future reference.

Chrysler Group LLC is committed to protecting our environment and natural resources. By converting from paper to electronic delivery for the majority of the user information for your vehicle, together we greatly reduce the demand for tree-based products and lessen the stress on our environment.

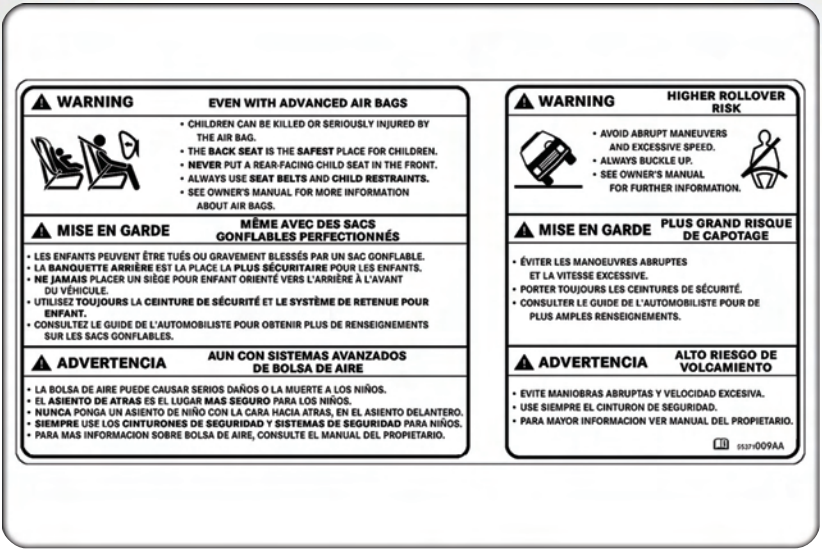
This is a specialized utility vehicle designed for both on-road and off-road use. It can go places and perform tasks for which conventional two-wheel drive enclosed vehicles were not intended. It handles and maneuvers differently from many passenger cars both on-road and off-road, so take time to become familiar with your vehicle.

Vehicles Sold In Canada

With respect to any vehicles sold in Canada, the name Chrysler Group LLC shall be deemed to be deleted and the name Chrysler Canada Inc. used in substitution therefore.

INTRODUCTION/WELCOME

Rollover Warning


WARNING
EVEN WITH ADVANCED AIR BAGS
• CHILDREN CAN BE KILLED OR SERIOUSLY INJURED BY THE AIR BAG.
• THE BACK SEAT IS THE SAFEST PLACE FOR CHILDREN.
• NEVER PUT A REAR-FACING CHILD SEAT IN THE FRONT.
• ALWAYS USE SEAT BELTS AND CHILD RESTRAINTS.
• SEE OWNER'S MANUAL FOR MORE INFORMATION ABOUT AIR BAGS.
MISE EN GARDE
MÊME AVEC DES SACS GONFLABLES PERFECTIONNÉS
• LES ENFANTS PEUVENT ÊTRE TUÉS OU GRAVEMENT BLESSÉS PAR UN SAC GONFLABLE.
• LA BANQUETTE ARRIÈRE EST LA PLACE LA PLUS SÉCURITAIRE POUR LES ENFANTS.
• NE JAMAIS PLACER UN SIÈGE POUR ENFANT ORIENTÉ VERS L'ARRIÈRE À L'AVANT DU VÉHICULE.
• UTILISEZ TOUJOURS LA CEINTURE DE SÉCURITÉ ET LE SYSTÈME DE RETENUE POUR ENFANT.
• CONSULTEZ LE GUIDE DE L'AUTOMOBILISTE POUR OBTENIR PLUS DE RENSEIGNEMENTS SUR LES SACS GONFLABLES.
ADVERTENCIA
AUN CON SISTEMAS AVANZADOS DE BOLSA DE AIRE
• LA BOLSA DE AIRE PUEDE CAUSAR SERIOS DAÑOS O LA MUERTE A LOS NIÑOS.
• EL ASIENTO DE ATRAS ES EL LUGAR MAS SEGURO PARA LOS NIÑOS.
• NUNCA PONGA UN ASIENTO DE NIÑO CON LA CARA HACIA ATRAS, EN EL ASIENTO DELANTERO.
• SIEMPRE USE LOS CINTURONES DE SEGURIDAD Y SISTEMAS DE SEGURIDAD PARA NIÑOS.
• PARA MAS INFORMACION SOBRE BOLSA DE AIRE, CONSULTE EL MANUAL DEL PROPIETARIO.
WARNING
HIGHER ROLLOVER RISK
• AVOID ABRUPT MANEUVERS AND EXCESSIVE SPEED.
• ALWAYS BUCKLE UP.
• SEE OWNER'S MANUAL FOR FURTHER INFORMATION.
MISE EN GARDE
PLUS GRAND RISQUE DE CAPOTAGE
• ÉVITER LES MANOEUVRES ABRUPTES ET LA VITESSE EXCESSIVE.
• PORTER TOUJOURS LES CEINTURES DE SÉCURITÉ.
• CONSULTER LE GUIDE DE L'AUTOMOBILISTE POUR DE PLUS AMPLES RENSEIGNEMENTS.
ADVERTENCIA
ALTO RIESGO DE VOLCAMIENTO
• EVITE MANIOBRAS ABRUPTAS Y VELOCIDAD EXCESIVA.
• USE SIEMPRE EL CINTURON DE SEGURIDAD.
• PARA MAYOR INFORMACION VER MANUAL DEL PROPIETARIO.
5537#009AA

WARNING!

- Pedals that cannot move freely can cause loss of vehicle control and increase the risk of serious personal injury.
- Always make sure that objects cannot fall into the driver foot well while the vehicle is moving. Objects can become trapped under the brake pedal and accelerator pedal causing a loss of vehicle control.
- Failure to properly follow floor mat installation or mounting can cause interference with the brake pedal and accelerator pedal operation causing loss of control of the vehicle.
- Refer to your Owner's Manual on the DVD for further details.

WARNING!

Never use the 'PARK' position as a substitute for the parking brake. Always apply the parking brake fully when parked to guard against vehicle movement and possible injury or damage.

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CONTROLS AT A GLANCE

DRIVER COCKPIT

Electronic Vehicle Information Center (EVIC) Display*
Instrument Cluster
Wiper Washer Lever (behind steering wheel)
Turn Signal Lights Lever (behind steering wheel)
EVIC Buttons*
Cruise Control*
Power Door Locks*

CONTROLS AT A GLANCE

CONTROLS AT A GLANCE

INSTRUMENT CLUSTER

Warning Lights

- Low Fuel Warning Light
- Charging System Light**
- Oil Pressure Warning Light**
- Anti-Lock Brake (ABS) Light**
- Airbag Warning Light**
- Electronic Throttle Control (ETC) Light
- Tire Pressure Monitoring System (TPMS) Light
- Seat Belt Reminder Light

BRAKE - Brake Warning Light**

- Malfunction Indicator Light (MIL)**

ESP BAS - Electronic Stability Program (ESP) Indicator Light/Brake Assist System (BAS) Warning Light**

- Electronic Stability Control (ESC) Activation/Malfunction Indicator Light**

(See page 54 for more information.)

CONTROLS AT A GLANCE

Indicators

- - Turn Signal Indicators
- - High Beam Indicator
- - Front Fog Light Indicator
- FRONT - Front Axle Lock Indicator*
- REAR - Rear Axle Lock Indicator*
- - Vehicle Security Indicator*
- O/D OFF - O/D (Overdrive) Off Indicator
- 4WD - 4WD Indicator*
- SWAY BAR - Sway Bar Indicator*
- CRUISE - Cruise Indicator

Odometer Messages

ECO - Fuel Saver Indicator Off
ECO-ON - Fuel Saver Indicator On
door - Door Ajar

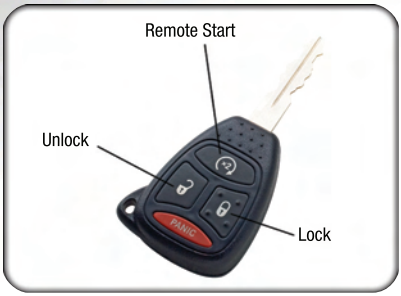
gASCAP - Fuel Cap Fault
gATE* - Liftgate Ajar

noFUSE* - Fuse Fault
LoW tirE* - Low Tire Pressure
HOTOIL* - Transmission Temperature Warning Message
CHAngE OIL* - Change Engine Oil
ESPOFF * - ESP Deactivated

* If equipped
** Bulb Check with Key On

GETTING STARTED

KEY FOB



Locking And Unlocking The Doors/Swing Gate

- Press the LOCK button once to lock all the doors and swing gate. Press the UNLOCK button once to unlock the driver's door only and twice within five seconds to unlock all the doors and swing gate.

- All doors can be programmed to unlock on the first press of the UNLOCK button. Refer to Programmable Features in this guide.

Panic Alarm

- Press the PANIC button once to turn the panic alarm on.
- Wait approximately three seconds and press the button a second time to turn the panic alarm off.

WARNING!

- Leaving unattended children in a vehicle is dangerous for a number of reasons. A child or others could be severely injured or killed. Children should be warned not to touch the parking brake, brake pedal, or the shift lever. Do not leave the Key Fob inside the vehicle or in the ignition. A child could start the vehicle, operate power windows, other controls, or move the vehicle.
- Do not leave children or animals inside parked vehicles in hot weather. Interior heat build-up may cause them to be severely injured or killed.

REMOTE START

- Press the REMOTE START button (x2) twice within five seconds. Pressing the REMOTE START button a third time shuts the engine off.
- To drive the vehicle, press the UNLOCK button, insert the key in the ignition and turn to the ON/RUN position.
- With remote start, the engine will only run for 15 minutes (timeout) unless the ignition key is placed in the ON/RUN position.
- The vehicle must be started with the key after two consecutive timeouts.

WARNING!

- Do not start or run an engine in a closed garage or confined area. Exhaust gas contains Carbon Monoxide (CO) which is odorless and colorless. Carbon Monoxide is poisonous and can cause you or others to be severely injured or killed when inhaled.
- Keep Key Fob transmitters away from children. Operation of the Remote Start System, windows, door locks or other controls could cause you and others to be severely injured or killed.

THEFT ALARM

To Arm

- Press the Key Fob LOCK button or the power door lock switch while the door is open.

To Disarm

- Press the Key Fob UNLOCK button and turn the ignition to the ON/RUN position.

SEAT BELT

- Be sure everyone in your vehicle is in a seat and using a seat belt properly.
- Position the lap belt across your thighs, below your abdomen. To remove slack in the lap portion, pull up a bit on the shoulder belt. To loosen the lap belt if it is too tight, tilt the latch plate and pull on the lap belt. A snug belt reduces the risk of sliding under the belt in a collision.
- Position the shoulder belt on your chest so that it is comfortable and not resting on your neck. The retractor will withdraw any slack in the belt.
- A shoulder belt placed behind you will not protect you from injury during a collision. You are more likely to hit your head in a collision if you do not wear your shoulder belt. The lap and shoulder belt are meant to be used together.
- A belt that is too loose will not protect you properly. In a sudden stop you could move too far forward, increasing the possibility of injury. Wear your seat belt snugly.
- A frayed or torn belt could rip apart in a collision and leave you with no protection. Inspect the belt system periodically, checking for cuts, frays, or loose parts. Damaged parts must be replaced immediately. Do not disassemble or modify the system. Seat belt assemblies must be replaced after a collision if they have been damaged (bent retractor, torn webbing, etc.).
- The seat belts for both front seating positions may be equipped with pretensioning devices that are designed to remove slack from the seat belt in the event of a collision.
- A deployed pretensioner or a deployed airbag must be replaced immediately.

GETTING STARTED

WARNING!

In a collision, you and your passengers can suffer much greater injuries if you are not buckled up properly. You can strike the interior of your vehicle or other passengers, or you can be thrown out of the vehicle. Always be sure you and others in your vehicle are buckled up properly.

SUPPLEMENTAL RESTRAINT SYSTEM (SRS) — AIRBAGS

- This vehicle has Advanced Front Airbags for both driver and right front passenger as a supplement to the seat belt restraint system. The Advanced Front Airbags will not deploy in every type of collision.
- Advanced Front Airbags are designed to provide additional protection by supplementing the seat belts in certain frontal collisions depending on the severity and type of collision. Advanced Front Airbags are not expected to reduce the risk of injury in rear, side, or rollover collision.
- This vehicle may be equipped with Supplemental Side Airbag Inflatable Curtains to protect the driver, front and rear passengers sitting next to a window.
- This vehicle may be equipped with Supplemental Seat-Mounted Side Airbags to provide enhanced protection to help protect an occupant during a side impact.
- If the Airbag Warning Light is not on during starting, stays on, or turns on while driving, have the vehicle serviced by an authorized service center immediately.
- Refer to the Owner's Manual on the DVD for further details regarding the Supplemental Restraint System (SRS).

WARNING!

- Relying on the airbags alone could lead to more severe injuries in a collision. The airbags work with your seat belt to restrain you properly. In some collisions, the airbags won't deploy at all. Always wear your seat belts even though you have airbags.
- Being too close to the steering wheel or instrument panel during Advanced Front Airbag deployment could cause serious injury, including death. Airbags need room to inflate. Sit back, comfortably extending your arms to reach the steering wheel or instrument panel.
- Supplemental Side Airbag Inflatable Curtains and Supplemental Seat-Mounted Side Airbags need room to inflate. Do not lean against the door or window. Sit upright in the center of the seat.

(Continued)

WARNING! *(Continued)*

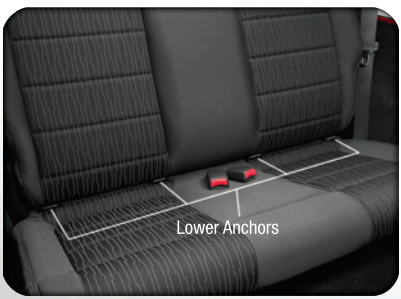
- Being too close to the Supplemental Side Airbag Inflatable Curtain and/or Seat-Mounted Side Airbag during deployment could cause you to be severely injured or killed.
- Do not drive your vehicle after the airbags have deployed. If you are involved in another collision, the airbags will not be in place to protect you.
- After any collision, the vehicle should be taken to an authorized dealer immediately.

CHILD RESTRAINTS

- Children 12 years and under should ride properly buckled up in a rear seat, if available. According to crash statistics, children are safer when properly restrained in the rear seats rather than in the front.
- Every state in the United States and all Canadian provinces require that small children ride in proper restraint systems. This is the law, and you can be prosecuted for ignoring it.

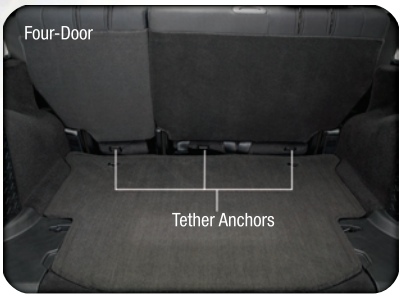
Installing The LATCH - Compatible Child Restraint System

- Your vehicle's second row passenger seats are equipped with the child restraint anchorage system called LATCH, which stands for Lower Anchors and Tether for CHildren.
- **Four Door** models: The rear outboard seating positions have lower anchors, and all three rear seating positions have top tether anchors. Child seats with fixed lower attachments must be installed in the outboard positions only. Child seats with flexible lower attachments can be used in all three seating positions. **Never** install LATCH-compatible child seats such that two seats share a common lower anchorage.
- **Two-door** models can accommodate flexible LATCH-compatible child seats in the two outboard seating positions only.



- Loosen the child seat adjusters on the lower straps and tether straps so that you can attach the hook or connector to the lower and tether anchorages more easily.
- Attach the lower hooks or connectors over the top of the anchorage bars, pushing aside the seat cover material. You will easily feel the anchorage bars if you run your finger along the intersection of the seatback and seat cushion surfaces.

- The tether strap should be attached to the tether anchor on the rear of the seatback using the most direct path. For the outboard seating positions, route the tether underneath the head rest and attach the hook to the tether anchor located on the back of the seat.



- Tighten all three straps as you push the child restraint rearward and downward into the seat.

Installing The Child Restraint Using The Vehicle Seat Belts

- To install a child restraint, first, pull enough of the seat belt webbing from the retractor to route it through the belt path of the child restraint and slide the latch plate into the buckle.
- Next, extract all the seat belt webbing out of the retractor and then allow the belt to retract into the retractor. Finally, pull on any excess webbing to tighten the lap portion around the child restraint. Any seat belt system will loosen with time, so check the belt occasionally, and pull it tight if necessary.
- Once you have completed securing the child restraint with the seat belt, secure the top tether strap. The tether strap should be attached to the tether anchor on the rear of the seatback using the most direct path. For the outboard seating positions, route the tether underneath the head rest and attach the hook to the tether anchor located on the back of the seat.

WARNING!

- In a collision, an unrestrained child, even a tiny baby, can become a projectile inside the vehicle. The force required to hold even an infant on your lap could become so great that you could not hold the child, no matter how strong you are. The child and others could be severely injured or killed. Any child riding in your vehicle should be in a proper restraint for the child's size.
- Improper installation of a child restraint to the LATCH anchorages can lead to failure of an infant or child restraint. The child could be severely injured or killed. Follow the manufacturer's directions exactly when installing an infant or child restraint.

(Continued)

WARNING! *(Continued)*

- An incorrectly anchored tether strap could lead to increased head motion and possible injury to the child. Use only the anchor positions directly behind the child seat to secure a child restraint top tether strap.
- Rearward-facing child seats must never be used in the front seat of a vehicle with a front passenger airbag. An airbag deployment could cause infants in this position to be severely injured or killed.

FRONT SEATS

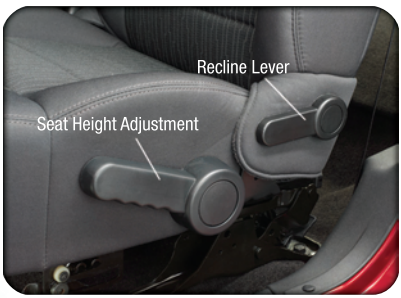
Manual Seat Adjustment

Forward/Rearward

- Lift up on the adjusting bar located at the front of the seat near the floor and release at the desired position.

Height Adjustment

- Ratchet the front lever, located on the outboard side of the seat, upward to raise the seat height.
- Ratchet the lever downward to lower the seat height.



Recliner

- Lift the recliner lever located on the outboard side of the seat, lean back and release at the desired position.

Driver's and Passenger Easy Entry Seats (Two-Door)

- Push the lever on the seatback rearward (toward the rear of the vehicle) to tilt the entire seat forward.
- To return the seat to a sitting position, rotate the seatback upright until it locks. Push the seat rearward until the track locks.

NOTE:

- If equipped with a combination lever, the seatback will return to its first locked position. The recliner handle will have to be actuated to adjust the seatback to the desired reclined position.

- The front passenger seats have a track memory which returns the seat to just past the halfway point of the track, regardless of its original position.
- The recliner and easy entry levers should not be used during the automatic returning of the seat to its fully upright position.

WARNING!

- Adjusting a seat while the vehicle is moving is dangerous. The sudden movement of the seat could cause you to lose control. The seat belt might not be properly adjusted, and you could be severely injured or killed. Only adjust a seat while the vehicle is parked.
- Do not ride with the seatback reclined so that the seat belt is no longer resting against your chest. In a collision, you could slide under the seat belt and be severely injured or killed. Use the recliner only when the vehicle is parked.

REAR SEATS

Folding Rear Seat

- Be sure that the front seats are fully upright and positioned forward. This will allow the rear seat to fold down easily.

To Fold The Rear Seat

- Lift the seatback release lever and fold the seatback forward (two-door models).

- Slowly flip the entire seat (two-door models) forward.
- Locate the pull strap, located on the outboard side of the seat, and pull it toward you until the seatback releases (four-door models).

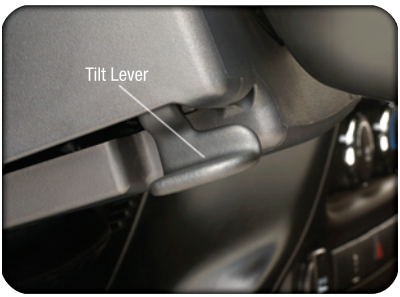
To Raise The Rear Seat

- Lift up on the seatback to return it to the upright position.

WARNING!

- It is extremely dangerous to ride in a cargo area, inside or outside of a vehicle. In a collision, people riding in these areas are more likely to be severely injured or killed. Do not allow people to ride in any area of your vehicle that is not equipped with seats and seat belts. Be sure everyone in your vehicle is in a seat and using a seat belt properly.
- Be certain that the seatback is securely locked into position. If the seatback is not securely locked into position, the seat will not provide the proper stability for child seats and/or passengers. An improperly latched seat could cause you or others to be severely injured or killed.

TILT STEERING COLUMN



- The tilt lever is located on the steering column, below the turn signal lever.
- Push down on the lever to unlock the steering column.
- With one hand firmly on the steering wheel, move the steering column up or down as desired.
- Pull upward on the lever to lock the column firmly in place.

WARNING!

Do not adjust the steering column while driving. Adjusting the steering column while driving, or driving with the steering column unlocked, could cause the driver to lose control of the vehicle. Be sure the steering column is locked before driving your vehicle. Failure to follow this warning may result in you or others being severely injured or killed.

GETTING STARTED

HEATED SEATS

Front Heated Seats

- The controls for front heated seats are located near the bottom center of the instrument panel (below the heater/air conditioning controls).
- Press the switch once to select High-level heating. Press the switch a second time to select Low-level heating. Press the switch a third time to shut the heating elements Off.

CAUTION!

Repeated overheating of the seat could damage the heating element and/or degrade the material of the seat.

WARNING!

- Persons who are unable to feel pain to the skin because of advanced age, chronic illness, diabetes, spinal cord injury, medication, alcohol use, exhaustion or other physical conditions must exercise care when using the seat heater. It may cause burns even at low temperatures, especially if used for long periods of time.
- Do not place anything on the seat that insulates against heat, such as a blanket or cushion. This may cause the seat heater to overheat. Sitting in a seat that has been overheated could cause serious burns due to the increased surface temperature of the seat.

TURN SIGNAL/LIGHTS LEVER

Headlights/Parking Lights/Automatic Headlights

- Rotate the end of the lever to the first detent for parking lights , the second detent for headlights and the third detent for AUTO.
- When set to AUTO, the system automatically turns the headlights on or off based on ambient light levels.

Instrument Panel Dimmer

- Rotate the center portion of the lever to the extreme bottom position to fully dim the instrument panel lights and prevent the interior lights from illuminating when a door is opened.
- Rotate the center portion of the lever up to increase the brightness of the instrument panel lights when the parking lights or headlights are on.
- Rotate the center portion of the lever upward to the next detent position to brighten the odometer and radio controls when the parking lights or headlights are on.
- Rotate the center portion of the lever upward to the last detent to turn on the interior lighting.

Flash To Pass

- Pull the lever toward you to activate the high beams. The high beams will remain on until the lever is released.

High Beam Operation

- Push the lever forward to activate the high beams.

NOTE: For safe driving, turn off high beams when oncoming traffic is present to prevent headlight glare and as a courtesy to other motorists.

OPERATING YOUR VEHICLE

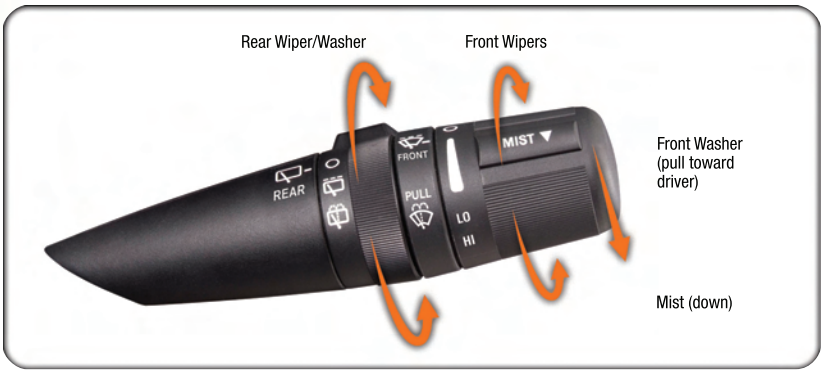
Fog Lights

- Turn on the parking lights or low beam headlights and pull out the end of the lever.

Turn Signals/Lane Change Assist

- Tap the lever up or down once and the turn signal (right or left) will flash three times and automatically turn off.

WIPER/WASHER LEVER



Front Wipers

Intermittent, Low And High Operation

- Rotate the end of the lever to the first detent position for one of five intermittent settings, the second detent for low wiper operation and the third detent for high wiper operation.

Washer Operation

- Pull the lever toward you and hold for as long as spray is desired.

Mist

- Pull down on the lever and release when a single wipe is desired.

Rear Wiper

Wiper Operation

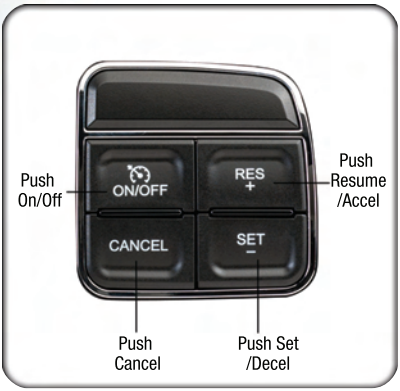
- Rotate the center portion of the lever forward to the first detent for rear wiper operation.

Washer Operation

- Rotate the center portion of the lever past the first detent to activate the rear washer.

SPEED CONTROL

- The speed control switches are located on the steering wheel.



Cruise ON/OFF

- Push the ON/OFF switch to activate the Speed Control.
- The cruise symbol will appear on the instrument cluster to indicate the Speed Control is on.
- Push the ON/OFF switch a second time to turn the system off.

Set

- With the Speed Control on, push and release the SET – button to set a desired speed.

Accel/Decel

- Once a speed is set, pushing the RES + button once or the SET – button once will increase or decrease the set speed approximately 1 mph (2 km/h).
- Push and hold the RES + button to accelerate in 5mph (8 km/h) increments or push and hold the SET – button to decelerate in 5mph (8 km/h) increments; release the button to save the new set speed.

Resume

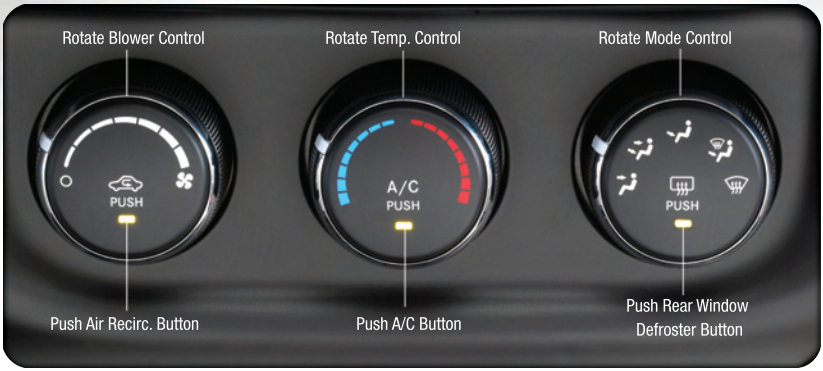
- To resume a previously selected set speed in memory, push the RES + button and release.

Cancel

- Push the CANCEL switch, or apply the brakes or clutch, to cancel the set speed and maintain the set speed memory.
- Push the ON/OFF switch to turn the system off and erase the set speed memory.

OPERATING YOUR VEHICLE

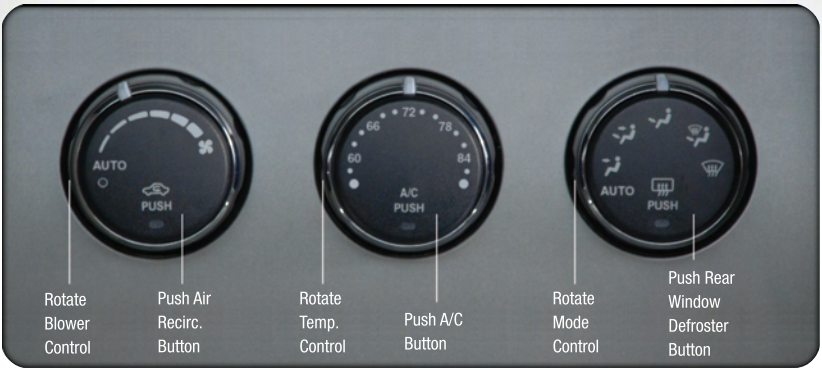
MANUAL CLIMATE CONTROLS



Air Recirculation

- Use recirculation for maximum A/C operation.
- For window defogging, turn the recirculation button off.
- Recirculation is not allowed in defrost, floor, defrost/floor (mix) modes.

AUTOMATIC TEMPERATURE CONTROLS (ATC)



Automatic Operation

- Turn the Mode and Blower Controls to the AUTO position.
- Select the desired temperature by rotating the Temperature Control.
- The system will maintain the set temperature automatically.

OPERATING YOUR VEHICLE

Air Conditioning (A/C)

- If the air conditioning button is pressed while in the AUTO mode, the indicator light may flash three times to indicate the cabin air is being controlled automatically.

Air Recirculation

- Use recirculation for maximum A/C operation.
- For window defogging, turn the air recirculation button off.
- If the recirculation button is pressed while in the AUTO mode, the indicator light may flash three times to indicate the cabin air is being controlled automatically.

SOFT TOP AND SUNRIDER®

2-DOOR SUNRIDER® DOWN

2) Slide the plastic sleeve on the Sunrider® link. Fold the header and soft top back.

1) Unclip sun visors and move out of the way. Release header latches from the windshield frame.

3) Locate straps to secure side bows and wrap straps around bows on both sides.

4) Reposition the sun visors.

*Refer to your Owner's Manual on the DVD for complete instructions.

2-DOOR SOFT TOP DOWN

5) Release body side retainer and door panel retainer – remove quarter window.

6) Un-tuck sail panels and fold up so they are resting on top of the vehicle.

7) Unlatch the side bows from the door panel by pressing on the latch panel from behind.

NOTE: Make sure the plastic sleeve is in place over the Sunrider® link.

1) Unclip sun visors and move out of the way. Release header latches from the windshield frame.

8) Lower the top so the sides form a “V” shape.

2) Open swing gate and pull open the first three inches of the sail panel on both sides.

3) Partially unzip rear window on the passenger side and pull the tailgate bar straight back. Finish unzipping rear window. Remove rear window.

4) Release Velcro® flaps and unzip quarter window from lower rear corner.

*Refer to your Owner’s Manual on the DVD for complete instructions.

4-DOOR SUNRIDER® DOWN

1) Unclip sun visors and move out of the way. Release header latches from the windshield frame.

2) Take header and soft top and fold them back.

3) Locate straps to secure side bows and wrap straps around bows on both sides.

4) Reposition the sun visors.

*Refer to your Owner's Manual on the DVD for complete instructions.

4-DOOR SOFT TOP DOWN

4) Release body side retainer and door panel retainer – remove quarter window.

5) Un-tuck sail panels and fold up so they are resting on top of the vehicle.

6) Unlatch side bows from the door rails and lower the top so side bows form a "V" shape.

7) Secure top by wrapping straps around the side bows.

1) Open swing gate and pull open the first three inches of the sail panel on both sides.

2) Partially unzip rear window on the passenger side and pull the tailgate bar straight back. Finish unzipping rear window. Remove rear window.

3) Release Velcro® flaps and unzip quarter window from lower rear corner.

*Refer to your Owner's Manual on the DVD for complete instructions.

HARD TOP AND FREEDOM TOP®

FREEDOM TOP® REMOVAL

2) Turn the two "L" shaped locks from the center of the roof panel and the one "L" shaped lock above the shoulder belt anchorage.

1) Unclip sun visors and move out of the way.

4) Unlatch the header latch at the top of the windshield frame and remove panel. Repeat for other side.

NOTE: Left panel must be removed first and installed last.

3) Turn the rear fastener knob on the speaker bar counter clockwise and remove.

*Refer to your Owner's Manual on the DVD for complete instructions.

HARD TOP REMOVAL

2) Disconnect wiring harness and rear washer hose.

1) Remove eight torx screws using #40 torx head drive.

NOTE: Remove six #40 torx screws on 2-door model.

3) With the assistance of a second person, remove hard top.

*Refer to your Owner's Manual on the DVD for complete instructions.

WIND BUFFETING

- Wind buffeting can be described as a helicopter-type percussion sound. If buffeting occurs with the rear windows open, adjust the front and rear windows together.

ELECTRONICS

YOUR VEHICLE'S SOUND SYSTEM

Bluetooth Streaming Audio - allows you to control your Bluetooth device through the radio, steering wheel audio controls, or voice commands. See the Uconnect™ Phone section for more details. Also, Bluetooth device must be compatible. Refer to your Bluetooth device's manual to see if it supports A2DP+AVCRP 1.3 protocol.

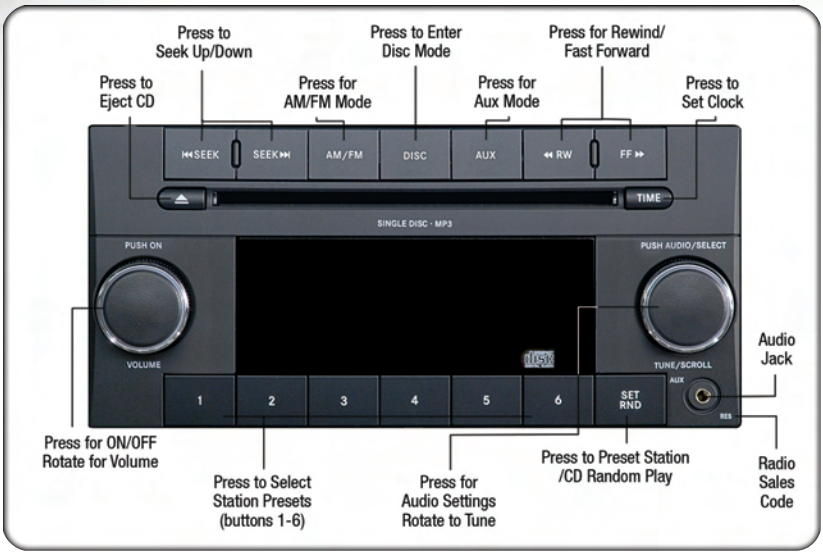
ELECTRONICS

USB Port on Radio – for copying files from a memory stick to your radio's hard drive.
Audio Jack – works with iPod® devices or other players with a headphones jack and a 3.5mm cable.
Your Radio Sales Code
USB Port (located inside center console) – when connected, allows you to control your iPod® or memory stick using the radio or steering wheel audio controls.

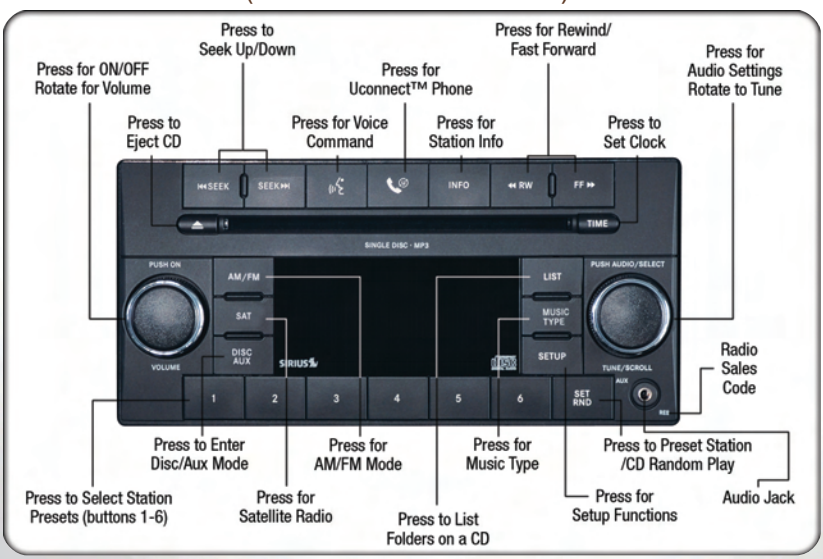
ELECTRONICS

NON-TOUCH-SCREEN RADIOS

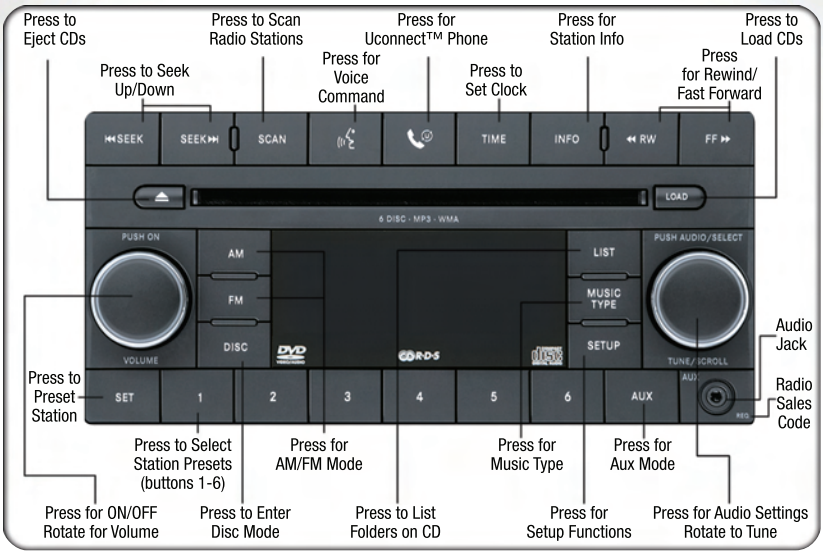
Media Center 130 (Sales Code RES)



Media Center 130 (Sales Code RES + RSC)



Media Center 230 (Sales Code REQ)



NOTE: Your radio may not be equipped with Voice Command or Uconnect™ Phone. To determine if your radio has this feature, press the Voice Command button on the radio. You will hear a voice prompt if you have the feature, or see a message on the radio stating “Uconnect Phone not available” if you do not.

- Your radio has many features that add to the comfort and convenience of you and your passengers. Some of these radio features should not be used when driving because they take your eyes from the road or your attention from driving.
- The radio sales code is located on the lower right side of the radio faceplate.

Seek Up/Down Buttons

- Press to seek through radio stations in AM, FM, or SAT bands. Seek through tracks in CD mode.
- Hold either button to bypass stations without stopping.

Audio Settings

- Press the TUNE/SCROLL control knob and BASS, MID, TREBLE, BALANCE and FADE will display. Rotate the TUNE/SCROLL control knob to select the desired setting.

ELECTRONICS

Audio Jack

- The Audio Jack allows a portable device, such as an MP3 player or a cassette player, to be plugged into the radio and utilize the vehicle's audio system to amplify the source and play through the vehicle speakers.
- Pressing the AUX button will change the mode to auxiliary device if the Audio Jack is connected, allowing the music from your portable device to play through the vehicle's speakers.
- The functions of the portable device are controlled using the device buttons. The volume may be controlled using the radio or portable device.

Clock Setting

- Press and hold the TIME button until the hours blink; turn the TUNE/SCROLL control knob to set the hours.
- Press the TUNE/SCROLL control knob until the minutes begin to blink; turn the TUNE/SCROLL control knob to set the minutes.
- Press the TUNE/SCROLL control knob to save the time change.
- To exit, press any button/knob or wait five seconds.

Station Presets

- Press the SET/RND button once and SET 1 will show in the display. Then select button (1–6).
- A second station may be added to each push button. Press the SET/RND button twice and SET 2 will show in the display, then select button (1–6).

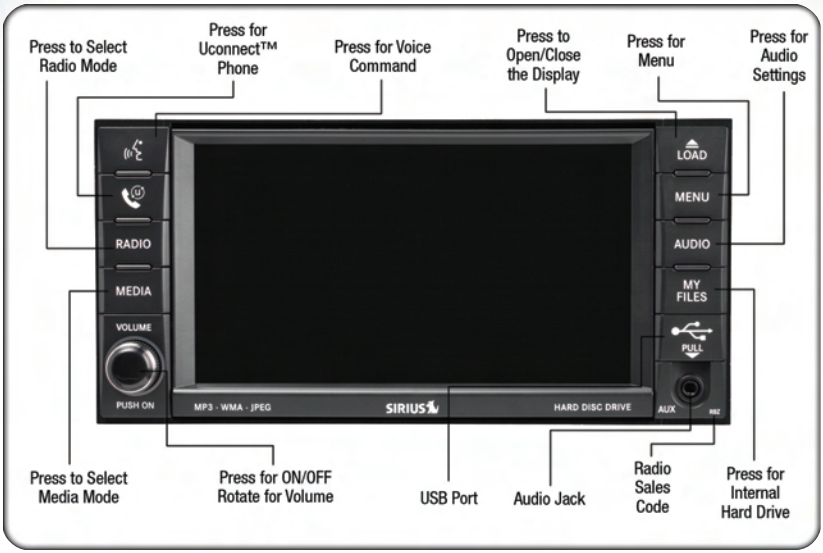
How To Load Multiple CDs/DVDs

Media Center 230 (Sales Code REQ) Only

- Press the LOAD button and then press the button with the corresponding number (1–6) where the CD is being loaded. The radio will display PLEASE WAIT and prompt when to INSERT DISC.
- After the radio displays INSERT DISC, insert the CD into the player. The radio display will show LOADING DISC when the disc is loading and "READING DISC" when the radio is reading the disc.
- Press the eject button and then the corresponding number (1–6) to eject the desired disc.

TOUCH-SCREEN RADIO

Media Center 430/430N CD/DVD/HDD (Sales Code RBZ/RHB)



NOTE: Your radio may not be equipped with Uconnect Voice Command or Uconnect Phone. To determine if your radio has this feature, press the Voice Command button on the radio. You will hear a voice prompt if you have the feature, or see a message on the radio stating "Uconnect Phone not available" if you do not.

- Your radio has many features that add to the comfort and convenience of you and your passengers. Some of these radio features should not be used when driving because they take your eyes from the road or your attention from driving.
- The radio sales code is located on the lower right side of the radio faceplate.

Seek Up/Down

- Press the SEEK up/down arrow soft-keys to change the currently playing station in AM, FM or SAT bands. Seek through tracks in CD or iPod® modes or through songs in the HDD playlist.

Audio Jack

- The Audio Jack allows a portable device, such as an MP3 player or a cassette player, to be plugged into the radio and utilize the vehicle's audio system to amplify the source and play through the vehicle speakers.

- Pressing the AUX button will change the mode to auxiliary device if the Audio Jack is connected, allowing the music from your portable device to be heard through the vehicle's speakers.
- The functions of the portable device are controlled using the device buttons. The volume may be controlled using the radio or portable device.

Clock Setting

- Turn the radio on, then touch the screen where the time is displayed.
- Touch the USER CLOCK soft-key (Navigation radio only).
- To adjust the hours, touch either the HOUR FORWARD or HOUR BACKWARD soft-key.
- To adjust the minutes, touch either the MINUTE FORWARD or MINUTE BACKWARD soft-key.
- To save the new time setting, touch the screen where the word “Save” is displayed.

Store Radio Presets

- Press the RADIO hard-key to display AM FM SAT in the upper left corner of the screen.
- Select the radio band by touching either the AM, FM, or SAT soft-key.
- Find the station to store by touching the right and left arrow soft-keys, touching the SCAN soft-key, or by using the DIRECT TUNE soft-key.
- Once the station is found, touch and hold one of the PRESET soft-keys in the list to the right, until you hear a confirmation beep.

Hard Disk Drive Operation

Copy Complete Audio Disc To Hard-Drive

- Press the LOAD hard-key.
- Insert a disc, then press the MENU hard-key.
- Touch the MY FILES soft-key, then select MY MUSIC.
- Touch the Add Music Files to HDD soft-key, then touch the From Disc soft-key in the next screen to start the process.

Copying From USB

- The USB port on the radio face plate is for copying files to your hard drive. To access, lift up on the cover.
- Insert a USB device (e.g. thumb drive or memory stick), then select MY MUSIC.
- Touch the Add Music Files to HDD soft-key, then touch the From USB soft-key in the next screen.
- Select the folders or titles you would like to copy, then touch the DONE soft-key to start the copy process.

Copy Pictures To The Hard-Drive

- Insert either a CD or a USB device containing your pictures in JPEG format into the USB port on the radio face.
- Touch the MY FILES soft-key, then go to the MANAGE MY FILES screen.
- Touch the MY PICTURES soft-key to get an overview of the currently stored images.
- Touch one of the ADD PICTURES soft-keys, then select the type of media inserted.
- Use the PAGE soft-keys to page through a list of pictures and press the picture you would like to import.
- Confirm your selection by touching the YES soft-key. The imported picture is now available in the MANAGE MY PICTURES screen.
- In order to display the imported picture in the radio screen, touch the desired picture soft-key.
- Select this picture by pressing the PICTURE VIEW soft-key. A check mark indicates the currently used picture.

Cleaning Your Touch-Screen Radio

- Do not spray any liquid or caustic chemicals directly on the screen. Use a clean and dry micro fiber lens cleaning cloth in order to clean the touch-screen.
- If necessary, use a lint-free cloth dampened with a cleaning solution such as isopropyl alcohol or an isopropyl alcohol and water solution ratio of 50:50. Be sure to follow the solvent manufacturer's precautions and directions.

USB Port

- The USB Port on the radio allows you to copy songs from a connected USB drive or supported media device onto your Media Center hard drive.
- Media Center 430 and 430N also offer the ability to play songs from connected USB drives, or supported media devices, through the USB port located in the center console. Supported devices may be controlled through the vehicles steering wheel or radio controls, or even with voice commands, and may be charged through the USB port.

Navigation – Media Center 430N (Sales Code RHB) Only

- For software updates, visit http://www.garmin.com/chrysler website, or contact your authorized dealer for the latest available software.
- The Navigation system receives GPS signals from satellites to display the position of your vehicle.
- Voice Command is not available for navigation commands on this radio (although Voice Command functions for all other radio functions).

New Destination

- Touch the NAV soft-key in the upper-right corner of your radio screen, to access the Navigation system.
- Touch the **Where To?** soft-key to program a destination.
- Next touch one of the subcategories to search for your destination. Address, Points of Interest, Recently Found, Favorites and Intersection are a few of the options.
- After touching one of the subcategories, follow the on-screen steps to complete the process and be routed to your destination.

Program/Storing Home Location

- Touch the NAV soft-key in the upper-right corner of your radio screen, to access the Navigation system.
- Touch the **Where To?** soft-key, then touch **Go Home**.
- Next, select from:
  - Enter My Address – enter an address for the location using the on-screen keyboard.
  - Use my current location – sets your current location as your Home Location.
  - Choose from Recently Found – select a location from your recently found locations
- After you set your Home Location, touch **Where To?** , then touch **Go Home**.

Change Stored Home Location

- Touch the NAV soft-key in the upper-right corner of your radio screen, to access the Navigation system.
- Touch the **Where To?** soft-key, then touch **Favorites**.
- Touch the location you want to edit.
- Next, touch **Press for More**.
- Touch **Edit**.
- Follow the on-screen steps for editing the Home Location

Guide Me Home

- Touch the NAV soft-key in the upper-right corner of your radio screen, to access the Navigation system.
- Touch **Where To?** , then touch **Go Home**.

Map

- Touch the NAV soft-key in the upper-right corner of your radio screen, to access the Navigation system.
- Touch the **View Map** soft-key to display a map of your current position.

SIRIUS Travel Link (Media Center 430N Only)

- To access SIRIUS Travel Link, press the MENU hard-key then touch the Travel Link soft-key.

NOTE: SIRIUS Travel Link requires a subscription, sold separately after trial subscription included with vehicle purchase.

- SIRIUS Travel Link brings a wealth of useful information into your vehicle and right to your fingertips:
- **Weather**
  - View detailed weather conditions at your current location.
- **Ski Info**
  - View ski and snowboarding conditions at ski resorts.
- **Fuel Prices**
  - Check detailed price information for fuel stations near your current location.
- **Movie Listings**
  - Check which movies (includes start times, ratings, run lengths and summaries) are playing at theaters near your current location.
- **Sports Scores**
  - View scores and upcoming events for all major sports.
- Your favorite location, theater and sports teams can be stored for quick access.
- Refer to your Media Center 430/430N (RBZ/RHB) User's Manual for more details.

STEERING WHEEL AUDIO CONTROLS

- The steering wheel audio controls are located on the rear surface of the steering wheel.

Right Switch

- Press the switch up or down to increase or decrease the volume.
- Press the button in the center to change modes AM/FM/CD/SAT.

ELECTRONICS

Left Switch

- Press the switch up or down to search for the next listenable station or select the next or previous CD track.
- Press the button in the center to select the next preset station (radio) or to change CDs if equipped with a CD Changer.

Uconnect™ Phone

- To determine if your vehicle is equipped with Uconnect™ Phone, press the Uconnect™ Phone button . If your vehicle has this feature, you will hear a voice prompt. If not, you will see a message on the radio “Uconnect phone not available.”
- The Uconnect™ Phone is a voice-activated, hands-free, in-vehicle communications system with Voice Command Capability (see Voice Command section).
- The Uconnect™ Phone allows you to dial a phone number with your mobile phone using simple voice commands.
- For vehicles equipped with Video Entertainment System (VES)™, refer to the Uconnect™ Phone section of the Uconnect™ User's Manual on the DVD for further details.
- For vehicles not equipped with VES™, refer to your vehicle Owner's Manual on the DVD for further details.

NOTE: The Uconnect™ Phone requires a mobile phone equipped with the Bluetooth® Hands-Free Profile, Version 0.96 or higher. For Uconnect™ customer support, call 1–877–855–8400 or visit jeep.com/uconnect for Jeep vehicles, dodge.com/uconnect for Dodge and Ram Truck vehicles, or chrysler.com/uconnect for Chrysler vehicles.

Phone Pairing

NOTE: Pairing is a one-time initial setup before using the phone. You will also need to follow the Bluetooth® instructions in your cell phone user guide to complete the phone pairing setup.

- Press the Phone button to begin.
- Wait for the “ready” prompt and BEEP.
- (After the BEEP), say “Uconnect setup”.
- (After the BEEP), say “phone pairing”.
- (After the BEEP), say “pair a phone”.
- Follow the audible prompts.

- You will be asked to enter a four-digit Personal Identification Number (PIN), which you will later need to enter into your mobile phone. You can enter any four-digit PIN. You will not need to remember this PIN after the initial pairing process.
- You will then be prompted to give the phone pairing a name (each phone paired should have a unique name).
- Next you will be asked to give this new pairing a priority of 1 thru 7 (up to seven phones may be paired). 1 being the highest and 7 the lowest priority. The system will only connect to the highest priority phone that exists within the proximity of vehicle

Making A Phone Call

- Press the Phone button .
- (After the BEEP), say “dial” (or “call” a name).
- (After the BEEP), say number (or name).

Phonebook Edit

- Press the Phone button .
- (After the BEEP), say “phonebook”.
- (After the BEEP), say “new entry” or “list names” or “delete”.
- Follow the prompts.

Receiving A Call – Accept (And End)

- When an incoming call rings/is announced on Uconnect™, press the Phone button .
- To end a call, press the Phone button .

Mute (Or Unmute) Microphone During Call

- During a call, press the Voice Command button VR .
- (After the BEEP), say “mute on” (or “mute off”).

Transfer Ongoing Call Between Handset And Vehicle

- During a call, press the Voice Command button VR .
- (After the BEEP), say “transfer call”.

Bluetooth Streaming Audio (Media Center 430N Only)

- Music can be streamed from your Bluetooth mobile phone through Uconnect™ Phone and played through the vehicles sound system.
- This feature allows you to control your Bluetooth device through the radio, steering wheel audio controls or voice commands.

ELECTRONICS

Changing The Volume

- Start a dialogue by pressing the Phone button , then adjust the volume during a normal call.
- Use the radio ON/OFF VOLUME rotary knob to adjust the volume to a comfortable level while the Uconnect™ system is speaking. Please note the volume setting for Uconnect™ is different than the audio system.

NOTE: To access the tutorial, press the Uconnect™ hard-key. After the BEEP, say "tutorial". Press any hard-key/button or touch the display (Touch-Screen radio) to cancel the tutorial.

WARNING!

- Any voice commanded system should be used only in safe driving conditions following local laws and phone use. All attention should be kept on the roadway ahead. Failure to do so may result in a collision causing you and others to be severely injured or killed.
- In an emergency, to use Uconnect™ Phone, your mobile phone must be:
  - turned on,
  - paired to Uconnect™ Phone,
  - and have network coverage.

Uconnect™ VOICE COMMAND

- The Uconnect™ Voice Command system allows you to control your AM, FM radio, satellite radio, disc player, Uconnect™ Phone, a memo recorder, and supported portable media devices. The Voice Command system also provides limited capability to select and play music by artist, song, album, music, genre, or playlist from your compatible iPod® device (this capability is available for Media Center 430/430N when connected to the USB port in the center console).
- When you press the Voice Command button VR located on the radio faceplate or steering wheel, you will hear a beep. The beep is your signal to give a command. If you do not say a command within a few seconds, the system will present you with a list of options. If you ever wish to interrupt the system while it lists options, press the Voice Command button VR , listen for the BEEP, and say your command.

Changing The Volume

- Start a dialogue by pressing the Voice Command button VR , then say a command (for example, "tutorial").
- Use the radio ON/OFF VOLUME rotary knob to adjust the volume to a comfortable level while the Voice Command system is speaking. The volume setting for Voice Command is different than the audio system.

- For vehicles equipped with Video Entertainment System (VES)™, refer to the Uconnect™ Voice Command section of the Uconnect™ User's Manual on the DVD for further details.
- For vehicles not equipped with VES™, refer to your vehicle Owner's Manual on the DVD for Uconnect™ Voice Command information.

NOTE: To access the tutorial, press the Voice Command button VR . After the BEEP, say "tutorial". Press any hard-key/button or touch the display (Touch-Screen radio) to cancel the tutorial.

WARNING!

Any voice commanded system should be used only in safe driving conditions following local laws and phone use. All attention should be kept on the roadway ahead. Failure to do so may result in a collision causing you and others to be severely injured or killed.

iPod® CONTROL

- There are many ways to play music from iPod® players or other portable devices through your vehicle's speakers. Your choices depend on what radio your vehicle is equipped with.
- The radio sales code is located on the lower right side of the radio faceplate.

If Equipped with Media Center 130 with Satellite Radio (Sales Code RES + RSC) or Media Center 430/430N (Sales Code RBZ/RHB)

- The USB port located within the center console, allows you to plug an iPod® into the vehicle's sound system.
- To hear audio from devices connected to this port from a non-touch-screen radio, press the AUX button on the radio faceplate. From a touch-screen radio, press the MEDIA hard-key, then touch the AUX or iPod® soft-key.
- When connected to this feature:
  - The iPod® can be controlled using the radio buttons to Play, Browse, and List the iPod® or external devices contents. Refer to the Owner's Manual on the DVD for details.
  - The iPod® battery charges when plugged into the USB port (if supported by the specific audio device).
  - Compatible iPod® devices may also be controllable using voice commands (Media Center 430/430N with Uconnect™ Phone required). Refer to the Owner's Manual on the DVD for details

ELECTRONICS

NOTE:

- The USB port supports certain Mini, Classic, Nano, Touch, and iPhone® devices. The USB port also supports playing music from compatible external USB Mass Storage Class memory devices. For supported audio file formats, refer to the USB Port section in the Owner's Manual on the DVD. Refer to www.jeep.com/uconnect website for a list of tested iPod®s. Some iPod® software versions may not fully support the USB port features. Please visit Apple's website for iPod® software updates.

Bluetooth® Streaming Audio (Media Center 430/430N/230/130 only)

If equipped with Uconnect™ Voice Command, your bluetooth-equipped iPod® devices, cellphones or other media players, may also be able to stream music to your vehicle's speakers. Your connected device must be bluetooth-compatible, and paired with your Media Center radio (see Uconnect™ Phone for pairing instructions). Press the AUX button on the radio faceplate until "BT" is displayed on the radio screen.

WARNING!

Do not plug in or remove the iPod® or external device while driving. Failure to follow this warning could result in a collision.

ELECTRONIC VEHICLE INFORMATION CENTER (EVIC)

- The EVIC features a driver interactive display that is located in the instrument cluster. Pressing the controls on the steering wheel allows the driver to select vehicle information and Personal Settings. For additional information, refer to Programmable Features in this guide.
- Press and release the MENU button to scroll through the main menus (Fuel Economy, Warnings, Timer, Units, System, Personal Settings) or to exit sub menus.
- Press and release the SELECT ▶ button for access to main menus, sub menus or to select a personal setting in the setup menu.
- Press and release the COMPASS button to display one of eight compass readings and the outside temperature or to exit sub menus.
- Press and release the DOWN ▼ button to scroll downward through the sub menus.

PROGRAMMABLE FEATURES

Electronic Vehicle Information Center (EVIC) – If Equipped

- The EVIC can be used to program the following Personal Settings. Press and release the MENU button until Personal Settings displays, then press the DOWN button ▼ to scroll through the settings. Press the SELECT button ▶ to change the setting.

- Language
- Auto Door Locks
- Auto UNLK On Exit
- RKE Unlock
- Sound Horn With RKE Lock
- Flash Lights with Remote Key Lock
- Headlamp Off Delay
- Key-Off Power Delay
- Illumination Approach
- Display Units of Measure In
- Hill Start Assist (HSA) — If Equipped
- Display Fuel Saver — If Equipped

Key Fob Programmable Features

- The following features may also be programmed by using the Key Fob transmitter or the ignition switch and driver's door lock switch.

NOTE: Pressing the LOCK button while you are inside the vehicle will activate the Vehicle Security Alarm. Opening a door with the Vehicle Security Alarm activated will cause the alarm to sound. Press the UNLOCK button to deactivate the Vehicle Security Alarm.

Flashing Lights With Lock

- The turn signal lights flashing, when the doors are locked or unlocked, feature can be turned on or off. To turn this feature on or off:
  - Press and hold the UNLOCK button for at least 4 seconds, but no longer than 10 seconds. Then, press and hold the LOCK button while still holding the UNLOCK button.
  - Release both buttons at the same time.

ELECTRONICS

POWER INVERTER

- A 115 Volt, 150 Watt AC power inverter is located on the front of the center console.
- This outlet can power cellular phones, electronics and other low power devices requiring power up to 150 Watts.

NOTE: The power inverter is designed with built-in overload protection. If the power rating of 150 Watts is exceeded, the power inverter will automatically shut down. Once the electrical device has been removed from the outlet, the inverter should automatically reset. If the power rating exceeds approximately 170 Watts, the power inverter may have to be reset manually. To reset the inverter manually, unplug the device and plug it in again. To avoid overloading the circuit, check the power ratings on electrical devices prior to using the inverter.

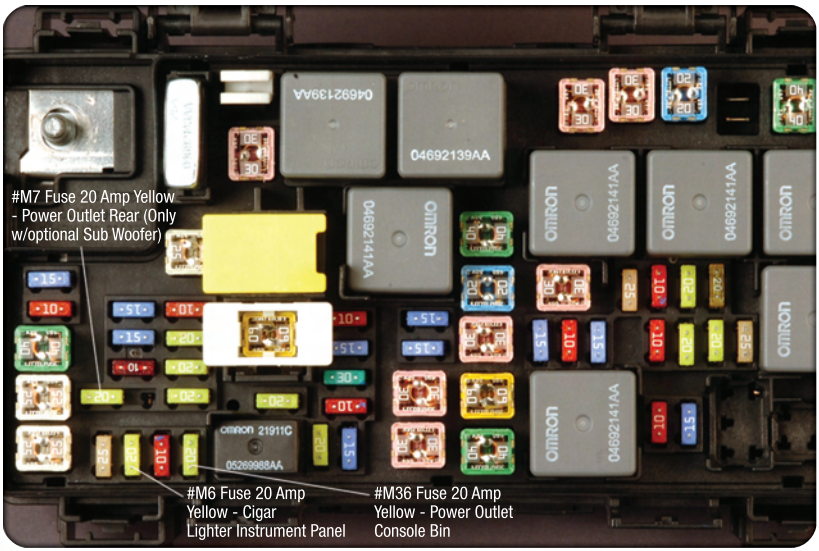
WARNING!
To avoid being severely injured or killed: Do not use a three-prong adaptor. Do not insert any objects into the receptacles. Do not touch with wet hands. Close the lid when not in use. If this outlet is mishandled, it may cause an electric shock and failure.

POWER OUTLET

- There are two 12–Volt Power Outlets in this vehicle.
- The front power outlet, located in the lower portion of the instrument panel, is powered when the key is in the ON or ACC position.
- On vehicles equipped with a rear subwoofer, there is a power outlet located in the right rear cargo area.

NOTE:

- Do not exceed the maximum power of 160 Watts (13 Amps) at 12 Volts. If the 160 Watt (13 Amp) power rating is exceeded the fuse protecting the system will need to be replaced.
- Power outlets are designed for accessory plugs only. Do not insert any other object in the power outlet as this will damage the outlet and blow the fuse. Improper use of the power outlet can cause damage not covered by your warranty.


#M7 Fuse 20 Amp Yellow - Power Outlet Rear (Only w/optional Sub Woofer)
#M6 Fuse 20 Amp Yellow - Cigar Lighter Instrument Panel
#M36 Fuse 20 Amp Yellow - Power Outlet Console Bin
04692139AA
04692141AA
OMRON
OMRON 21911C
05269988AA

OFF-ROAD CAPABILITIES

COMMAND-TRAC™/ ROCK-TRAC™

- The transfer case provides four mode positions: 2H (Two-wheel drive high range), 4H (Four-wheel drive high range), N (Neutral), and 4L (Four-wheel drive low range).
- The transfer case is intended to be driven in the 2H position for normal street and highway conditions such as hard-surfaced roads.
- Shifting between 2H and 4H can be made with the vehicle stopped or in motion. Shift the transfer case lever firmly to 4H at any speed up to 50 mph (80 km/h).
- Shifting between 4H and 4L can be made with the vehicle rolling at 2 to 3 mph (3 to 5 km/h). Shift the automatic transmission into NEUTRAL or fully depress the clutch pedal on a manual transmission. Shift the transfer case lever firmly to 4L (do not pause with the transfer case in NEUTRAL). Once the shift is completed, place the automatic transmission into DRIVE or release the clutch pedal on a manual transmission.

NOTE: To enhance off-road performance in 4L mode, manual transmission vehicles will start regardless of whether or not the clutch pedal is depressed.

AXLE LOCK (TRU-LOK™) RUBICON ONLY

- The AXLE LOCK switch is located on the instrument panel below the climate controls.
- This feature will only activate when the following conditions are met:
  - Key in ignition, vehicle in 4L (Low) range.
  - Vehicle speed at 10 mph (16 km/h) or less.
- Press the bottom of the AXLE LOCK switch once to lock the rear axle only and a second time to lock the front axle (the rear and front axle lock indicator lights will illuminate).
- To unlock the axles, press the top of the AXLE LOCK switch.
- The indicator light will flash until the axles are fully locked or unlocked.

ELECTRONIC SWAY BAR DISCONNECT – IF EQUIPPED

Off-Road

- Press the SWAY BAR switch, located on the instrument panel, once to disconnect the Sway Bar.
- The Sway Bar indicator light will illuminate in the instrument cluster.

On-Road

- Press the SWAY BAR switch a second time to reconnect the Sway Bar.
- The Sway Bar should remain in on-road mode during normal driving conditions.

TRAILER TOWING WEIGHTS (MAXIMUM TRAILER WEIGHT RATINGS)

Engine/ Transmission	Axle	Model	GCWR (Gross Combined Wt. Rating)	Frontal Area	Max. GTW (Gross Trailer Wt.)	Max. Trailer Tongue Wt.
3.8L/Manual	3.21	Two–Door X Model (4WD)	5,049 lbs (2 290 kg)	25 sq ft (2.32 sq m)	1,000 lbs (453 kg)	100 lbs (45 kg)
3.8L/Manual	3.73	Two–Door X Model (4WD)	6,049 lbs (2 744 kg)	25 sq ft (2.32 sq m)	2,000 lbs (907 kg)	200 lbs (91 kg)
3.8L/ Automatic	3.73	Two–Door X Model (4WD)	6,051 lbs (2 745 kg)	25 sq ft (2.32 sq m)	2,000 lbs (907 kg)	200 lbs (91 kg)
3.8L/Manual	3.21	Two–Door Sahara Model (4WD)	5,231 lbs (2 373 kg)	25 sq ft (2.32 sq m)	1,000 lbs (453 kg)	100 lbs (45 kg)
3.8L/Manual	3.73	Two–Door Sahara Model (4WD)	6,231 lbs (2 826 kg)	25 sq ft (2.32 sq m)	2,000 lbs (907 kg)	200 lbs (91 kg)
3.8L/ Automatic	3.73	Two–Door Sahara Model (4WD)	6,233 lbs (2 827 kg)	25 sq ft (2.32 sq m)	2,000 lbs (907 kg)	200 lbs (91 kg)
3.8L/Manual	4.10	Two–Door Rubicon Model (4WD)	6,365 lbs (2 887 kg)	25 sq ft (2.32 sq m)	2,000 lbs (907 kg)	200 lbs (91 kg)
3.8L/ Automatic	4.10	Two–Door Rubicon Model (4WD)	6,366 lbs (2 887 kg)	25 sq ft (2.32 sq m)	2,000 lbs (907 kg)	200 lbs (91 kg)
3.8L/ Automatic	3.73	Four–Door X Model (2WD)	7,734 lbs (3 508 kg)	32 sq ft (2.97 sq m)	3,500 lbs (1 587 kg)	350 lbs (159 kg)
3.8L/ Automatic	3.73	Four–Door Sahara Model (2WD)	7,893 lbs (3 580 kg)	32 sq ft (2.97 sq m)	3,500 lbs (1 587 kg)	350 lbs (159 kg)
3.8L/Manual	3.21	Four–Door X Model (4WD)	5,431 lbs (2 463 kg)	32 sq ft (2.97 sq m)	1,000 lbs (453 kg)	100 lbs (45 kg)
3.8L/Manual	3.73	Four–Door X Model (4WD)	7,931 lbs (3 597 kg)	32 sq ft (2.97 sq m)	3,500 lbs (1 587 kg)	350 lbs (159 kg)
3.8L/ Automatic	3.73	Four–Door X Model (4WD)	7,932 lbs (3 598 kg)	32 sq ft (2.97 sq m)	3,500 lbs (1 587 kg)	350 lbs (159 kg)

Engine/ Transmission	Axle	Model	GCWR (Gross Combined Wt. Rating)	Frontal Area	Max. GTW (Gross Trailer Wt.)	Max. Trailer Tongue Wt.
3.8L/Manual	3.21	Four–Door Sahara Model (4WD)	5,625 lbs (2 551 kg)	32 sq ft (2.97 sq m)	1,000 lbs (453 kg)	100 lbs (45 kg)
3.8L/Manual	3.73	Four–Door Sahara Model (4WD)	8,125 lbs (3 685 kg)	32 sq ft (2.97 sq m)	3,500 lbs (1 587 kg)	350 lbs (159 kg)
3.8L/ Automatic	3.73	Four–Door Sahara Model (4WD)	8,127 lbs (3 686 kg)	32 sq ft (2.97 sq m)	3,500 lbs (1 587 kg)	350 lbs (159 kg)
3.8L/Manual	4.10	Four–Door Rubicon Model (4WD)	8,248 lbs (3 741 kg)	32 sq ft (2.97 sq m)	3,500 lbs (1 587 kg)	350 lbs (159 kg)
3.8L/ Automatic	4.10	Four–Door Rubicon Model (4WD)	8,249 lbs (3 742 kg)	32 sq ft (2.97 sq m)	3,500 lbs (1 587 kg)	350 lbs (159 kg)
Refer to local laws for maximum trailer towing speeds.						

UTILITY

RECREATIONAL TOWING (BEHIND MOTORHOME)

Towing - Two-Wheel Drive Models

- Recreational towing with all four wheels on the ground is allowed ONLY if the rear driveshaft is removed. See your authorized dealer or refer to the Service Manual. Towing with the rear wheels on the ground while the driveshaft is connected can result in severe transmission damage.
- The parking brake must be firmly engaged and the wheels chocked during driveshaft removal and installation. The parking brake must remain engaged unless the vehicle is securely and properly connected to the tow vehicle, or the driveshaft is completely reinstalled. See your authorized dealer for proper driveshaft removal and reinstallation procedures, including flange orientation/alignment, use of thread-locking compound, proper bolt torque specifications, etc.

Towing - Four-Wheel Drive Models

- Turn off engine and depress brake pedal.
- Shift automatic transmission into NEUTRAL or depress clutch pedal on manual transmission.
- Shift transfer case to N (Neutral).
- Start the engine, shift into drive or 1st gear and ensure there is no vehicle movement.
- Shut off the engine, place ignition into ACC position and shift automatic transmission into PARK, manual transmission into NEUTRAL.
- Apply the parking brake, attach vehicle to tow vehicle and release the parking brake.
- Disconnect negative battery cable.
- Refer to your Owner's Manual on the DVD for further details.

WARNING!

If the driveshaft is removed, the vehicle can roll even if the transmission is in PARK, which could cause serious injury or death.

BRAKE/TRANSMISSION INTERLOCK MANUAL OVERRIDE

- Your vehicle may be equipped with a shift lock manual override.
- The manual override may be used in the event that the shift lever should fail to move from PARK with the Key Fob in the ON/RUN position and the brake pedal pressed.
- To operate the shift lock manual override, perform the following steps:
  - Turn the Key Fob to the ON/RUN position but do not start the engine.
  - Firmly set the parking brake.
  - Using a flat-bladed screwdriver, carefully remove the shift lock manual override cover which is located on the PRNDL bezel.
  - Press and maintain firm pressure on the brake pedal.
  - Using a screwdriver, reach into the manual override opening. Press and hold the shift lock lever down.
  - Move the shift lever into the NEUTRAL position and start the vehicle.
  - Reinstall the override cover.
  - Release the parking brake.
- Have your vehicle inspected by your local authorized dealer immediately if the shift lock manual override has been used.

WHAT TO DO IN EMERGENCIES

24-HOUR TOWING ASSISTANCE - U.S. ONLY

- Dial toll-free 1-800-521-2779 or 1-800-363-4869 for Canadian residents.
- Provide your name, vehicle identification number and license plate number.
- Provide your location, including telephone number, from which you are calling.
- Briefly describe the nature of the problem and answer a few simple questions.
- You will be given the name of the service provider and an estimated time of arrival. If you feel you are in an “unsafe situation”, please let us know. With your consent, we will contact local police or safety authorities.

INSTRUMENT CLUSTER WARNING LIGHTS

- Electronic Stability Control (ESC) Activation/Malfunction Indicator Light

- If the “ESC Activation/Malfunction Indicator Light” comes on continuously with the engine running, a malfunction has been detected in the ESC system. If this light remains on after several ignition cycles, and the vehicle has been driven several miles (kilometers) at speeds greater than 30 mph (48 km/h), we recommend you drive to the nearest service center and have the vehicle serviced immediately.
- The “ESC Activation/Malfunction Indicator Light” starts to flash as soon as the tires lose traction and the ESC system becomes active. If the light begins to flash during acceleration, ease up on the accelerator and apply as little throttle as possible. Be sure to adapt your speed and driving to the prevailing road conditions. The light also flashes when TCS is active. To improve the vehicle's traction when starting off in deep snow, sand or gravel, it may be desirable to switch the ESC system to Partial Off mode by momentarily pressing the ESC Off OFF switch.

- Tire Pressure Monitoring System (TPMS) Light

- Each tire, including the spare (if provided), should be checked monthly, when cold and inflated to the inflation pressure recommended by the vehicle manufacturer on the vehicle placard or tire inflation pressure label. (If your vehicle has tires of a different size than the size indicated on the vehicle placard or tire inflation pressure label, you should determine the proper tire inflation pressure for those tires.)
- As an added safety feature, your vehicle has been equipped with a Tire Pressure Monitoring System (TPMS) that illuminates a low tire pressure telltale when one or more of your tires is significantly under-inflated. Accordingly, when the low tire pressure telltale illuminates, you should stop and check your tires as soon as possible, and inflate them to the proper pressure. Driving on a significantly under-inflated tire causes the tire to overheat and can lead to tire failure. Under-inflation also reduces fuel efficiency and tire tread life, and may affect the vehicle’s handling and stopping ability.

- Please note that the TPMS is not a substitute for proper tire maintenance, and it is the driver's responsibility to maintain correct tire pressure, even if under-inflation has not reached the level to trigger illumination of the TPMS low tire pressure telltale.
- Your vehicle has also been equipped with a TPMS malfunction indicator to indicate when the system is not operating properly. The TPMS malfunction indicator is combined with the low tire pressure telltale. When the system detects a malfunction, the telltale will flash for approximately one minute and then remain continuously illuminated. This sequence will continue upon subsequent vehicle start-ups as long as the malfunction exists.
- When the malfunction indicator is illuminated, the system may not be able to detect or signal low tire pressure as intended. TPMS malfunctions may occur for a variety of reasons, including the installation of replacement or alternate tires or wheels on the vehicle that prevent the TPMS from functioning properly. Always check the TPMS malfunction telltale after replacing one or more tires or wheels on your vehicle, to ensure that the replacement or alternate tires and wheels allow the TPMS to continue to function properly.

CAUTION!

The TPMS has been optimized for the original equipment tires and wheels. TPMS pressures and warning have been established for the tire size equipped on your vehicle. Undesirable system operation or sensor damage may result when using replacement equipment that is not of the same size, type, and/or style. Aftermarket wheels can cause sensor damage. Do not use tire sealant from a can, or balance beads if your vehicle is equipped with a TPMS, as damage to the sensors may result.

- Engine Temperature Warning Light

- This light warns of an overheated engine condition.
- If the light turns on and a warning chime sounds while driving, safely pull over and stop the vehicle. If the A/C system is on, turn it off. Also, shift the transmission into NEUTRAL and idle the vehicle. If the temperature reading does not return to normal, turn the engine off immediately.
- We recommend that you do not operate the vehicle or engine damage will occur. Have the vehicle serviced immediately.

WARNING!

A hot engine cooling system is dangerous. You or others could be badly burned by steam or boiling coolant. You may want to call an authorized service center for service if your vehicle overheats.

WHAT TO DO IN EMERGENCIES

BRAKE - Brake Warning Light

- The Brake Warning light illuminates when there is either a system malfunction or the parking brake is applied. If the light is on and the parking brake is not applied, it indicates a possible brake hydraulic malfunction, brake booster problem or an Anti-Lock Brake System problem.
- We recommend you drive to the nearest service center and have the vehicle serviced immediately.

WARNING!

Driving a vehicle with the red brake light on is dangerous. Part of the brake system may have failed. It will take longer to stop the vehicle. You could have a collision. Have the vehicle checked immediately.

- Malfunction Indicator Light (MIL)

- Certain conditions, such as a loose or missing gas cap, poor fuel quality, etc., may illuminate the MIL after engine start. The vehicle should be serviced if the light stays on through several typical driving cycles. In most situations, the vehicle will drive normally and not require towing.
- If the MIL flashes when the engine is running, serious conditions may exist that could lead to immediate loss of power or severe catalytic converter damage. We recommend you do not operate the vehicle. Have the vehicle serviced immediately.

ESP BAS - Electronic Stability Program (ESP) Malfunction Indicator Light/Brake Assist System (BAS) Warning Light

- If the ESP/BAS warning light comes on continuously with the engine running, a malfunction has been detected.
- If this light remains on after several ignition cycles, and the vehicle has been driven several miles (kilometers) at speeds greater than 30 mph (48 km/h), we recommend you drive to the nearest service center and have the vehicle serviced immediately.

- Charging System Light

- This light shows the status of the electrical charging system. If the charging system light remains on, it means that the vehicle is experiencing a problem with the charging system.
- We recommend you do not continue driving if the charging system light is on. Have the vehicle serviced immediately.

- Oil Pressure Warning Light

- This light indicates low engine oil pressure. If the light turns on while driving, stop the vehicle and shut off the engine as soon as possible. A chime will sound for four minutes when this light turns on.

- We recommend you do not operate the vehicle or engine damage will occur. Have the vehicle serviced immediately.

(ABS) - Anti-Lock Brake (ABS) Light

- This light monitors the Anti-Lock Brake System (ABS).
- If the light is not on during starting, stays on, or turns on while driving, we recommend you drive to the nearest service center and have the vehicle serviced immediately.

- Electronic Throttle Control (ETC) Light

- This light informs you of a problem with the Electronic Throttle Control (ETC) system.
- If a problem is detected, the light will come on while the engine is running. Cycle the ignition when the vehicle has completely stopped and the shift lever is placed in the PARK position; the light should turn off.
- If the light remains lit with the engine running, your vehicle will usually be drivable; however, see an authorized service center immediately. If the light is flashing when the engine is running, immediate service is required and you may experience reduced performance, an elevated/rough idle or engine stall and your vehicle may require towing.

- Airbag Warning Light

- If the light is not on during starting, stays on, or turns on while driving, have the vehicle serviced by an authorized service center immediately.

Fuel Cap/Loose Gas Cap Message

- If a “gas cap” message (shown as gASCAP) appears, tighten the gas cap until a “clicking” sound is heard.
- Press the odometer reset button to turn the message off.
- If the message continues to appear for more than three days after tightening the gas cap, see your authorized service center.

Oil Change Indicator

Message

- If an “oil change” message (shown as CHAngE OIL) appears and a single chime sounds, it is time for your next required oil change.

Resetting The Light After Servicing

- Turn the ignition switch to the ON/RUN position (do not start engine).
- Fully depress the accelerator pedal three times within 10 seconds.
- Turn the ignition switch to the OFF/LOCK position.

WHAT TO DO IN EMERGENCIES

HOTOIL – Transmission Temperature Warning Message

- The HOTOIL cluster message will appear in the odometer accompanied with a chime to indicate that there is excessive transmission fluid temperature that might occur with severe usage such as trailer towing.
- It may also occur when operating the vehicle in a high torque converter slip condition, such as 4-wheel-drive operation (e.g., snow plowing, off-road operation).
- If this HOTOIL message turns on, stop the vehicle and run the engine at idle or faster, with the transmission in NEUTRAL until the message turns off.

CAUTION!

Continuous driving with the Transmission Temperature HOTOIL Warning message illuminated will eventually cause severe transmission damage and transmission failure.

WARNING!

Continued operation with the Transmission Temperature HOTOIL Warning message illuminated could cause the fluid to boil over, come into contact with the hot engine or exhaust components causing a fire that may result in personal injury.

IF YOUR ENGINE OVERHEATS

- In any of the following situations, you can reduce the potential for overheating by taking the appropriate action.
  - On the highways — slow down.
  - In city traffic — while stopped, shift transmission into NEUTRAL, but do not increase engine idle speed.

NOTE: There are steps that you can take to slow down an impending overheat condition:

- If your air conditioner (A/C) is on, turn it off. The A/C system adds heat to the engine cooling system and turning the A/C off can help remove this heat.
- You can also turn the Temperature Control to maximum heat, the Mode Control to floor and the Fan Control to high. This allows the heater core to act as a supplement to the radiator and aids in removing heat from the engine cooling system.
- If the temperature reading does not return to normal, turn the engine off immediately.
- We recommend that you do not operate the vehicle or engine damage will occur. Have the vehicle serviced immediately.

WHAT TO DO IN EMERGENCIES

CAUTION!

Driving with a hot cooling system could damage your vehicle. If the temperature gauge reads HOT (H), pull over and stop the vehicle. Idle the vehicle with the air conditioner turned off until the pointer drops back into the normal range. If the pointer remains on HOT (H), and you hear continuous chimes, turn the engine off immediately and call for service.

WARNING!

You or others can be badly burned by hot engine coolant (antifreeze) or steam from your radiator. If you see or hear steam coming from under the hood, do not open the hood until the radiator has had time to cool. Never try to open a cooling system pressure cap when the radiator or coolant bottle is hot.

JACKING AND TIRE CHANGING

Jack Location

- The jack and lug wrench are located in the rear storage compartment.

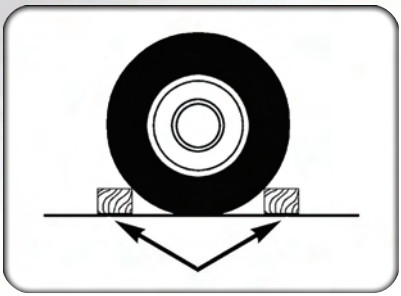
Spare Tire Stowage

- Remove the tire cover, if equipped, and remove the lug nuts with the lug wrench turning them counterclockwise. Remove wheel lock if equipped.

Preparations For Jacking

- Park on a firm, level surface. Avoid ice or slippery areas.
- Set the parking brake and shift the automatic transmission into PARK, or a manual transmission into REVERSE.
- Turn the ignition to LOCK and turn on the Hazard Warning flasher.

WHAT TO DO IN EMERGENCIES



- Block both the front and rear of the wheel diagonally opposite of the jacking position. For example, if changing the right front tire, block the left rear wheel.

NOTE: Passengers should not remain in the vehicle when the vehicle is being jacked.

Jacking And Tire Changing Instructions

- Remove the spare tire, jack and tools from the stored location.
- Loosen (but do not remove) the wheel lug nuts by turning them counterclockwise one turn while the wheel is still on the ground.
- Assemble the jack and jacking tools. Connect the jack handle driver to the extension, then to the lug wrench.
- Operate the jack from the front or the rear of the vehicle. Place the jack under the axle tube. Do not raise the vehicle until you are sure the jack is fully engaged.

- Raise the vehicle by turning the jack screw clockwise. Raise the vehicle only until the tire just clears the surface and enough clearance is obtained to install the spare tire.
- Remove the lug nuts and wheel.
- Position the spare wheel/tire on the vehicle and install the lug nuts with the cone-shaped end toward the wheel. Lightly tighten the lug nuts clockwise. To avoid the risk of forcing the vehicle off the jack, do not tighten the nuts fully until the vehicle has been lowered.
- Lower the vehicle by turning the jack screw counterclockwise, and remove the jack and wheel blocks.

WHAT TO DO IN EMERGENCIES

Front Jacking Location

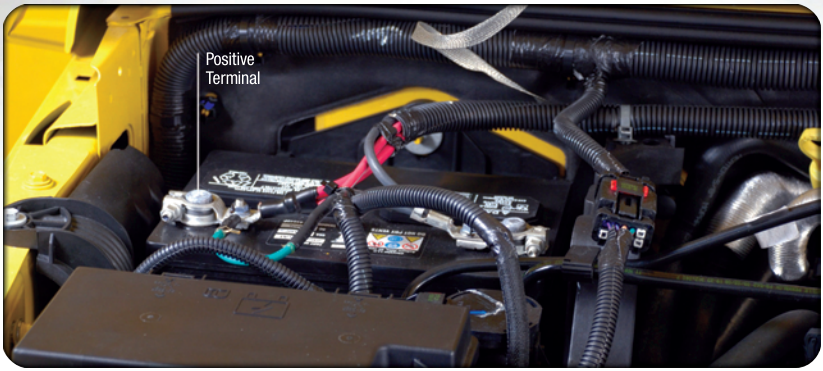
- Finish tightening the lug nuts. Push down on the wrench while tightening for increased leverage. Alternate nuts until each one has been tightened twice. The correct wheel nut tightness is 95 ft lbs (130 N•m). If in doubt about the correct tightness, have them checked with a torque wrench by your authorized dealer or at a service station.
- Secure the tire, jack, and tools in their proper locations.

WARNING!

- Do not attempt to change a tire on the side of the vehicle close to moving traffic. Pull far enough off the road to avoid the danger of being hit when operating the jack or changing the wheel.
- Getting under a jacked-up vehicle is dangerous. The vehicle could slip off the jack and fall on you. You could be crushed. Never get any part of your body under a vehicle that is on a jack. If you need to get under a raised vehicle, take it to a service center where it can be raised on a lift.
- The jack is designed to use as a tool for changing tires only. The jack should not be used to lift the vehicle for service purposes. The vehicle should be jacked on a firm, level surface only. Avoid ice or slippery areas.
- Carefully follow these tire changing procedures to help prevent personal injury or damage to your vehicle: Always park on a firm, level surface as far from the edge of the roadway as possible before raising the vehicle.
- Raising the vehicle higher than necessary can make the vehicle less stable and could cause it to slip off the jack and hurt someone near it. Raise the vehicle only enough to remove the tire.
- A loose tire or jack, thrown forward in a collision or hard stop, could endanger the occupants of the vehicle. Always stow the jack parts and the spare tire in the places provided.

WHAT TO DO IN EMERGENCIES

JUMP-STARTING



- If your vehicle has a discharged battery it can be jumpstarted using a set of jumper cables and a battery in another vehicle or by using a portable battery booster pack.
- Jump-starting can be dangerous if done improperly so please follow the procedures in this section carefully.

NOTE: When using a portable battery booster pack follow the manufacturer's operating instructions and precautions.

Preparations for Jump-Start

- The battery in your vehicle is located in the front of the engine compartment, behind the left headlight assembly.
- Set the parking brake, shift the automatic transmission into PARK and turn the ignition to LOCK.
- Turn off the heater, radio, and all unnecessary electrical accessories.
- If using another vehicle to jump-start the battery, park the vehicle within the jumper cables reach, set the parking brake and make sure the ignition is OFF.

Jump-Starting Procedure

- Connect the positive (+) end of the jumper cable to the positive (+) post of the discharged vehicle.
- Connect the opposite end of the positive (+) jumper cable to the positive (+) post of the booster battery.
- Connect the negative end (-) of the jumper cable to the negative (-) post of the booster battery.
- Connect the opposite end of the negative (-) jumper cable to a good engine ground (exposed metal part of the discharged vehicle's engine) away from the battery and the fuel injection system.

- Start the engine in the vehicle that has the booster battery, let the engine idle a few minutes, and then start the engine in the vehicle with the discharged battery.

  Once the engine is started, remove the jumper cables in the reverse sequence:
- Disconnect the negative (-) jumper cable from the engine ground of the vehicle with the discharged battery.
- Disconnect the negative end (-) of the jumper cable from the negative (-) post of the booster battery.
- Disconnect the opposite end of the positive (+) jumper cable from the positive (+) post of the booster battery.
- Disconnect the positive (+) end of the jumper cable from the positive (+) post of the discharged vehicle.
- Reinstall the air intake duct.
- If frequent jump-starting is required to start your vehicle you should have the battery and charging system inspected at your authorized dealer.

CAUTION!

- Do not use a portable battery booster pack or any other booster source with a system voltage greater than 12 Volts or damage to the battery, starter motor, alternator or electrical system may occur.
- Failure to follow these procedures could result in damage to the charging system of the booster vehicle or the discharged vehicle.
- Accessories that can be plugged into the vehicle power outlets draw power from the vehicle's battery, even when not in use (i.e., cellular phones, etc.). Eventually, if plugged in long enough, the vehicle's battery will discharge sufficiently to degrade battery life and/or prevent the engine from starting.

WARNING!

- When temperatures are below the freezing point, electrolyte in a discharged battery may freeze. Do not attempt jump-starting because the battery could rupture or explode and cause personal injury. Battery temperature must be brought above freezing point before attempting a jump-start.
- Take care to avoid the radiator cooling fan whenever the hood is raised. It can start anytime the ignition switch is on. You can be injured by moving fan blades.
- Remove any metal jewelry, such as watch bands or bracelets, that might make an inadvertent electrical contact. You could be severely injured.
- Batteries contain sulfuric acid that can burn your skin or eyes and generate hydrogen gas which is flammable and explosive. Keep open flames or sparks away from the battery.

(Continued)

WARNING! *(Continued)*

- Do not allow vehicles to touch each other as this could establish a ground connection and personal injury could result.
- Failure to follow this procedure could result in personal injury or property damage due to battery explosion.
- Do not connect the cable to the negative post (-) of the discharged battery. The resulting electrical spark could cause the battery to explode and could result in personal injury.

EMERGENCY TOW HOOKS

- If your vehicle is equipped with tow hooks, they are mounted in the front and the rear.

NOTE: For off-road recovery, it is recommended to use both of the front tow hooks to minimize the risk of damage to the vehicle.

CAUTION!

Tow hooks are for emergency use only, to rescue a vehicle stranded off-road. Do not use tow hooks for tow truck hookup or highway towing. You could damage your vehicle. Tow straps are recommended when towing the vehicle; chains may cause vehicle damage.

WARNING!

- Chains are not recommended for freeing a stuck vehicle. Chains may break, causing serious injury or death.
- Stand clear of vehicles when pulling with tow hooks. Tow straps and chains may break, causing serious injury.

TOWING A DISABLED VEHICLE

- The manufacturer requires towing your vehicle with all four wheels **OFF** the ground using a flatbed.

CAUTION!

Towing this vehicle using any other method could result in extensive damage to the transfer case and/or transmission.

EVENT DATA RECORDER (EDR)

- This vehicle is equipped with an event data recorder (EDR). The main purpose of an EDR is to record, in certain crash or near crash-like situations, such as an air bag deployment or hitting a road obstacle, data that will assist in understanding how a vehicle's systems performed. The EDR is designed to record data related to vehicle dynamics and safety systems for a short period of time, typically 30 seconds or less. The EDR in this vehicle is designed to record such data as:
  - How various systems in your vehicle were operating;
  - Whether or not the driver and passenger safety belts were buckled/fastened;
  - How far (if at all) the driver was depressing the accelerator and/or brake pedal; and,
  - How fast the vehicle was traveling.
- These data can help provide a better understanding of the circumstances in which crashes and injuries occur.

NOTE: EDR data are recorded by your vehicle only if a non-trivial crash situation occurs; no data are recorded by the EDR under normal driving conditions and no personal data (e.g. name, gender, age, and crash location) are recorded. However, other parties, such as law enforcement, could combine the EDR data with the type of personally identifying data routinely acquired during a crash investigation.

- To read data recorded by an EDR, special equipment is required, and access to the vehicle or the EDR is needed. In addition to the vehicle manufacturer, other parties such as law enforcement, that have the special equipment, can read the information if they have access to the vehicle or the EDR.

MAINTAINING YOUR VEHICLE

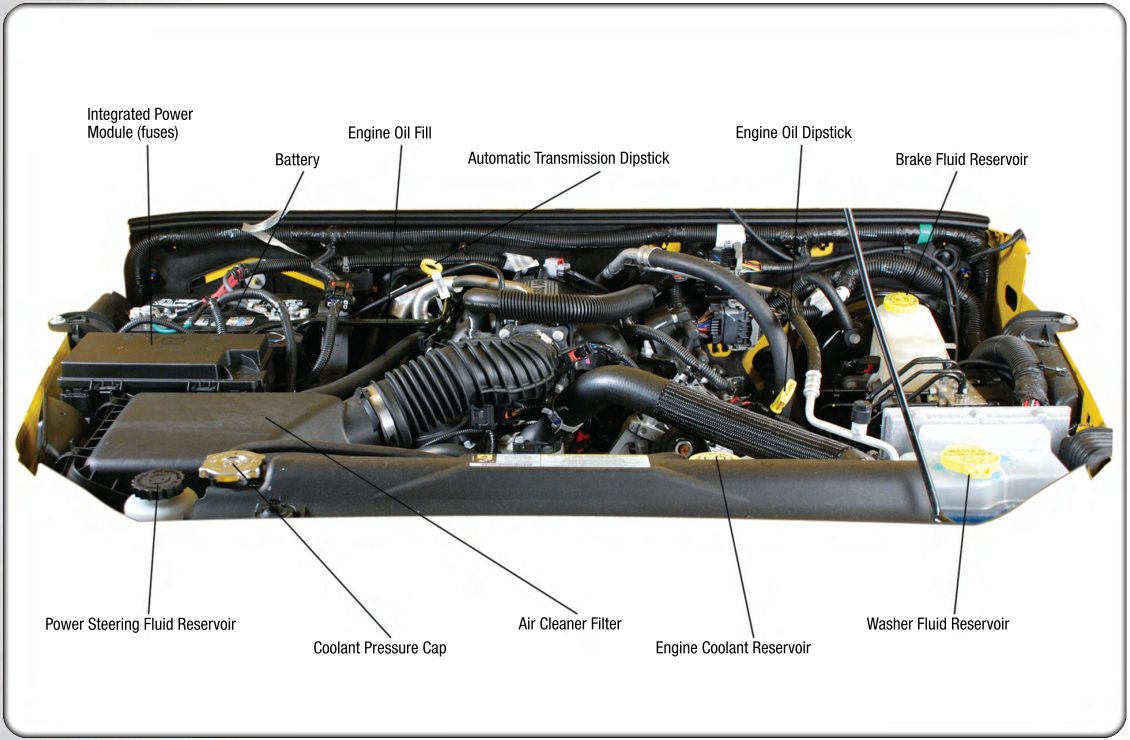
OPENING THE HOOD

- Release the two hood latches located on the left and right side of the hood.
- Raise the hood and locate the safety latch, in the middle of the hood opening.
- Push the latch to the left side of the vehicle, to open the hood. You may have to push down slightly on the hood before pushing the safety latch.
- Insert the support rod into the slot on the hood.
- To close the hood, remove the support rod and place it in the retaining clip, then lower the hood slowly.
- Secure both of the hood latches.

WARNING!

Be sure the hood is fully latched before driving your vehicle. If the hood is not fully latched, it could open when the vehicle is in motion and block your vision. Failure to follow this warning could result in serious injury or death.

ENGINE COMPARTMENT
3.8L Engine



MAINTAINING YOUR VEHICLE

FLUIDS AND CAPACITIES

Component	Fluid, Lubricant, or Genuine Part	Capacities
Engine Coolant 3.8L	MOPAR® Antifreeze/Coolant Five Year/100,000 Mile Formula HOAT (Hybrid Organic Additive Technology) or equivalent.	13 Quarts (12 Liters) Includes heater and coolant recovery bottle filled to MAX level.
Engine Oil with filter 3.8L	API certified 5W-20 engine oil, meeting the requirements of Chrysler material standard MS-6395. Refer to your oil filler cap for correct SAE Grade.	6 quarts (5.7 Liters)
Fuel Selection 2 Door	87 Octane	18.6 Gallons (70 Liters)
Fuel Selection 4 Door	87 Octane	22.5 Gallons (85 Liters)
Engine Oil Filter 3.8L	MOPAR® Engine Oil Filter or equivalent.	—
Spark Plug 3.8L	RE14PLP5 (Gap 0.050 in [1.27 mm])	—
Automatic Transmission	MOPAR® ATF+4® Automatic Transmission Fluid or equivalent licensed ATF+4® product.	—
Manual Transmission	MOPAR® Manual Transmission Lubricant or equivalent meeting the requirements or Chrysler material standard MS–9224.	—
Transfer Case	MOPAR® ATF+4® Automatic Transmission Fluid or equivalent licensed ATF+4® product.	—
Axle differential (front)	MOPAR® Gear & Axle Lubricant SAE 80W–90 API GL–5 or equivalent.	—
Axle differential (rear)	226 RBI (Model 44) - MOPAR® Gear & Axle Lubricant SAE 80W-90 API GL-5 or equivalent. For trailer towing, use MOPAR® Synthetic Gear & Axle Lubricant SAE 75W-140 or equivalent. Models equipped with Trac-Lok™ require an additive.	—
Brake Master Cylinder	MOPAR® DOT 3 and SAE J1703 should be used or equivalent. If DOT 3 is not available, then DOT 4 is acceptable. Use only recommended brake fluids.	—

Component	Fluid, Lubricant, or Genuine Part	Capacities
Power Steering Reservoir	MOPAR® Power Steering Fluid +4 or MOPAR® ATF+4® Automatic Transmission Fluid or equivalent licensed ATF+4® product.	—

MAINTENANCE CHART

Miles:	8,000	16,000	24,000	32,000	40,000	48,000	56,000	64,000	72,000	80,000	88,000	96,000	104,000
Or Months:	6	12	18	24	30	36	42	48	54	60	66	72	78
Or Kilometers:	13,000	26,000	39,000	52,000	65,000	78,000	91,000	104,000	117,000	130,000	143,000	156,000	169,000
Change the engine oil and engine oil filter.	X	X	X	X	X	X	X	X	X	X	X	X	X
Rotate the tires, rotate at the first sign of irregular wear, even if it occurs before scheduled maintenance.	X	X	X	X	X	X	X	X	X	X	X	X	X
If using your vehicle for any of the following: dusty or off-road conditions. Inspect the engine air cleaner filter; replace if necessary.		X				X				X			
Inspect the brake linings; replace if necessary.		X		X		X		X		X		X	
Inspect the CV joints.		X	X			X			X			X	
Inspect the exhaust system.		X	X			X			X			X	
Replace the engine air cleaner filter.				X				X				X	
Inspect the transfer case fluid.				X									
Change the transfer case fluid if using your vehicle for police, taxi, fleet, or frequent trailer towing.								X				X	
Inspect the front and rear axle fluid. Change if using your vehicle for police, taxi, fleet, off-road or frequent trailer towing.			X			X			X			X	
Adjust the parking brake on vehicles equipped with four wheel disc brakes.				X				X				X	
Change the automatic transmission fluid and filter if using your vehicle for any of the following: police, taxi, fleet or frequent trailer towing.								X					
Change the manual transmission fluid if using your vehicle for any of the following: trailer towing, snow plowing, heavy loading, taxi, police, delivery service (commercial service), off-road, desert operation or more than 50% of your driving is at sustained high speeds during hot weather, above 90°F (32 °C).				X				X				X	
Flush and replace the engine coolant if not done at 104,000 miles (169000 km).										X			X
Inspect front suspension, tie rod ends, and boot seals; replace if necessary.		X		X		X		X		X		X	
Replace the ignition cables.												X	
Replace the spark plugs.												X	
Inspect and replace PCV valve if necessary.												X	

- Refer to the Owner's Manual on the DVD for complete maintenance schedule.

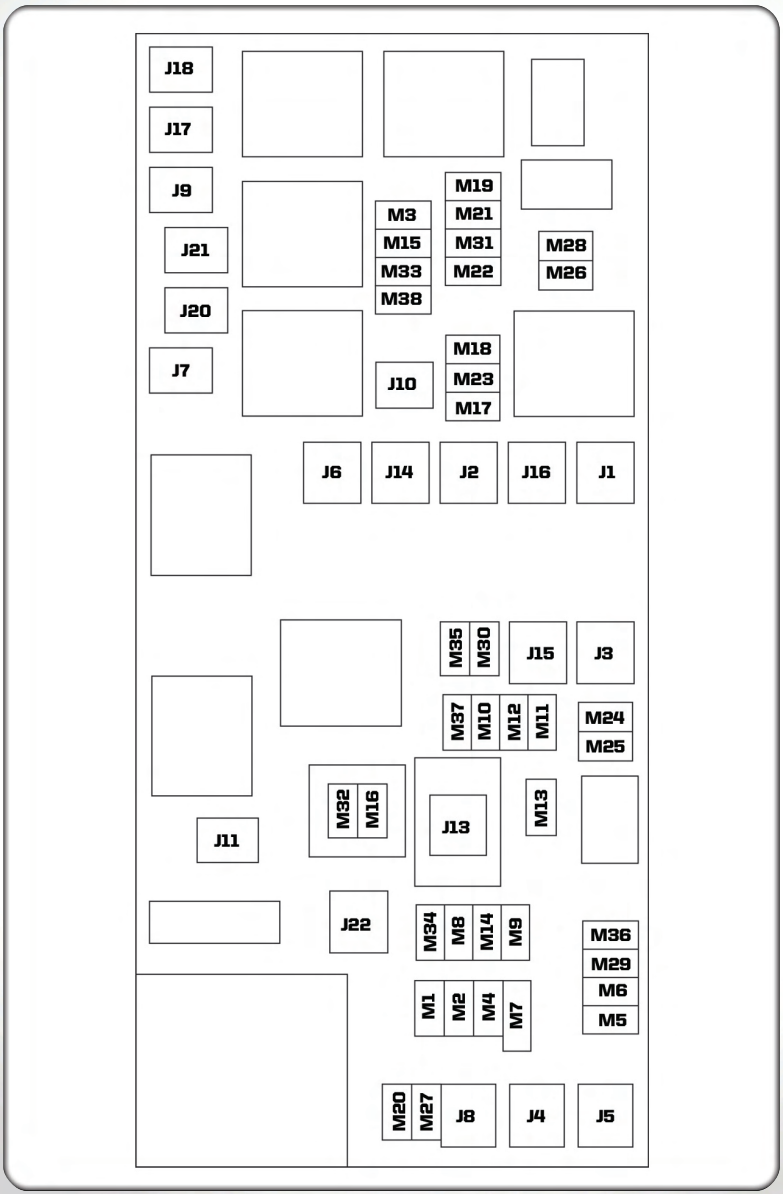
Maintenance Record

	Odometer	Date	Signature, Authorized Service Center
8,000 Miles (13,000 km) or 6 Months			
16,000 Miles (26,000 km) or 12 Months			
24,000 Miles (39,000 km) or 18 Months			
32,000 Miles (52,000 km) or 24 Months			
40,000 Miles (65,000 km) or 30 Months			
48,000 Miles (78,000 km) or 36 Months			
56,000 Miles (91,000 km) or 42 Months			
64,000 Miles (104,000 km) or 48 Months			
72,000 Miles (117,000 km) or 54 Months			
80,000 Miles (130,000 km) or 60 Months			
88,000 Miles (143,000 km) or 66 Months			
96,000 Miles (156,000 km) or 72 Months			
104,000 Miles (169,000 km) or 78 Months			

MAINTAINING YOUR VEHICLE

FUSES

Integrated Power Module (fuses)



- The Integrated Power Module is located in the engine compartment near the battery. This center contains cartridge fuses, mini-fuses and relays.

Cavity	Cartridge Fuse	Mini Fuse	Description
J1	—		—
J2	30 Amp Pink		Transfer Case Module
J3	—		—
J4	25 Amp Natural		Driver Door Node
J5	25 Amp Natural		Passenger Door Node
J6	40 Amp Green		Anti-Lock Brake System (ABS) Pump Feed/ESP
J7	30 Amp Pink		Anti-Lock Brake System (ABS) Valve Feed/ESP
J8	—		—
J9	40 Amp Green		PZEV Sec Motor Feed/Flex Fuel
J10	30 Amp Pink		Headlamp Wash Relay/Manifold Tuning Valve
J11	30 Amp Pink		Sway Bar
J13	60 Amp Yellow		Ignition Off Draw (IOD) — Main
J14	40 Amp Green		EBL (Rear Window Defogger)
J15	30 Amp Pink		Rear Blower
J17	40 Amp Green		Starter Solenoid
J18	20 Amp Blue		Powertrain Control Module (PCM) Trans Range
J19	60 Amp Yellow		Radiator Fan
J20	30 Amp Pink		Front Wiper LO/HI
J21	20 Amp Blue		Front/Rear Washer
J22	—		Spare
M1		15 Amp Blue	Center High-Mounted Stop Light (CHMSL)/Switch Stop Lamp Feed
M2		20 Amp Yellow	Relay Trailer Lighting (Stop)
M3		20 Amp Yellow	Frt/Rear Axle Locker Relay
M4		—	—
M5		—	—
M6		20 Amp Yellow	Power Outlet #1/Rain Sensor
M7		20 Amp Yellow	Power Outlet #2 (BATT/ACC SELECT)
M8		20 Amp Yellow	Front Heated Seat
M9		20 Amp Yellow	Rear Heated Seat (If Equipped)

Cavity	Cartridge Fuse	Mini Fuse	Description
M10		20 Amp Yellow	Ignition Off Draw — Vehicle Entertainment System (IOD-VES), Satellite Digital Audio Receiver (SDARS), DVD, Hands-Free Module (HFM), RADIO, Antenna (ANT), Universal Garage Door Opener (UGDO), Vanity Lamp (VANITY LP)
M11		10 Amp Red	(Ignition Off Draw) IOD-HVAC/ ATC, MW SENSR, Underhood Lamp (UH LMP)
M12		30 Amp Green	Amplifier (AMP)
M13		20 Amp Yellow	Ignition Off Draw— Cabin Compartment Node (IOD-CCN), Wireless Control Module (WCM), SIREN, Multifunction Control Switch (MULTIFCTN SW)
M14		20 Amp Yellow	Trailer Tow (Export Only)
M15		20 Amp Yellow	COL MOD, IR SNS, Heater Ventilation, Air Conditioning/ Automatic Temperature Control (HVAC/ATC), Rear View Mirror (RR VW MIR), Cabin Compartment Node (CCN), Transfer Case Switch (T-CASE SW), RUN/ST, Multi-Function Control Switch (MULTIFTCN SW), Tire Pressure Monitor (TPM), Glow Plug Module (GLW PLG MOD) — Export Diesel Only
M16		10 Amp Red	Occupant Restraint Controller (ORC)
M17		15 Amp Blue	Left Tail/License/Park Lamp (LT-TAIL/LIC/PRK LMP)
M18		15 Amp Blue	Right Tail/Park/Run Lamp (RT-TAIL/PRK/RUN LMP)
M19		25 Amp Natural	Auto Shut Down (ASD #1 and #2)
M20		15 Amp Blue	Cabin Compartment Node Interior Light (CCN INT LIGHT), Switch Bank (SW BANK)
M21		20 Amp Yellow	Auto Shut Down (ASD #3)
M22		10 Amp Red	Right Horn (RT HORN (HI/LOW)
M23		10 Amp Red	Left Horn (LT HORN (HI/LOW)
M24		25 Amp Natural	Rear Wiper (REAR WIPER)

Cavity	Cartridge Fuse	Mini Fuse	Description
M25		20 Amp Yellow	Fuel Pump (FUEL PUMP), Diesel Lift Pump (DSL LIFT PUMP) — Export Only
M26		—	—
M27		10 Amp Red	Ignition Switch Feed, Wireless Module
M28		10 Amp Red	PCM Feed/TCM
M29		—	—
M30		15 Amp Blue	Wiper Motor Frt, J1962 Diagnostic Feed
M31		20 Amp Yellow	Backup Lamps (B/U LAMPS)
M32		10 Amp Red	Occupant Restraint Controller (ORC), TT EUROPE
M33		10 Amp Red	Next Generation Controller (NGC), Global Powertrain Engine Controller (GPEC)
M34		10 Amp Red	Park Assist (PRK ASST), Heater Ventilation, Air Conditioning Module (HVAC MOD), Headlamp Wash (HDLP WASH), Compass (COMPAS)
M35		10 Amp Red	Heated Mirrors
M36		20 Amp Yellow	Power Outlet
M37		10 Amp Red	Anti-Lock Brake System (ABS), Electronic Stability Program (ESP), Stop Lamp Switch (STP LP SW), Fuel Pump Rly Hi Control
M38		25 Amp Natural	Lock/Unlock Motors (LOCK/UNLOCK MTRS)

MAINTAINING YOUR VEHICLE

TIRE PRESSURES

- Check the inflation pressure of each tire, including the spare tire, at least monthly and inflate to the recommended pressure for your vehicle.
- The tire pressures recommended for your vehicle are found on the “Tire and Loading Information” label located on the driver’s side door opening.

NOTE: Refer to the Owner's Manual on the DVD for more information regarding tire warnings and instructions.

WARNING!

- Overloading of your tires is dangerous. Overloading can cause tire failure, affect vehicle handling, and increase your stopping distance. Use tires of the recommended load capacity for your vehicle. Never overload them.
- Improperly inflated tires are dangerous and can cause collisions. Under-inflation is the leading cause of tire failure and may result in severe cracking, component separation, or “blow out”. Over-inflation reduces a tire’s ability to cushion shock. Objects on the road and chuck holes can cause damage that results in tire failure. Unequal tire pressures can cause steering problems. You could lose control of your vehicle. Over-inflated or under-inflated tires can affect vehicle handling and can fail suddenly, resulting in loss of vehicle control.

WHEEL AND WHEEL TRIM CARE

- All wheels and wheel trim, especially aluminum and chrome plated wheels, should be cleaned regularly with a mild soap and water to prevent corrosion.
- To remove heavy soil and/or excessive brake dust, use MOPAR® Wheel Cleaner or equivalent or select a non-abrasive, non-acidic cleaner.

CAUTION!

Do not use scouring pads, steel wool, a bristle brush, or metal polishes. Do not use oven cleaner. These products may damage the wheel's protective finish. Avoid automatic car washes that use acidic solutions or harsh brushes that may damage the wheel's protective finish. Only MOPAR® Wheel Cleaner or equivalent is recommended.

EXTERIOR BULBS

Bulb Number	LIGHT BULBS – Exterior
3157	Backup, Tail, Stop, Turn Lamp
LED (*)	Center High-Mounted Stop Lamp (CHMSL)
PSX24W	Fog Lamp – If Equipped
3157	Front Park/Turn Signal
168	Front Side Marker
H13	Headlamp – Low Beam
194	License Lamp

* CHMSL is not serviceable. It is a LED lamp. To replace the LED, the entire CHMSL assembly must be replaced.

CONSUMER ASSISTANCE

CHRYSLER GROUP LLC CUSTOMER CENTER

P.O. Box 21–8004

Auburn Hills, MI 48321–8004

Phone: 1–877–426–5337

CHRYSLER CANADA INC. CUSTOMER CENTER

P.O. Box 1621

Windsor, Ontario N9A 4H6

Phone: 1–800–465–2001

ASSISTANCE FOR THE HEARING IMPAIRED

- To assist customers who have hearing difficulties, the manufacturer has installed special TDD (Telecommunication Devices for the Deaf) equipment at its customer center. Any hearing or speech impaired customer, who has access to a TDD or a conventional teletypewriter (TTY) in the United States, can communicate with the manufacturer by dialing 1–800–380–CHRY. Canadian residents with hearing difficulties that require assistance can use the special needs relay service offered by Bell Canada. For TTY teletypewriter users, dial 711 and for Voice callers, dial 1–800–855–0511 to connect with a Bell Relay Service operator.

WARNING!

Engine exhaust, some of its constituents, and certain vehicle components contain, or emit, chemicals known to the State of California to cause cancer and birth defects, or other reproductive harm. In addition, certain fluids contained in vehicles and certain products of component wear contain, or emit, chemicals known to the State of California to cause cancer and birth defects, or other reproductive harm.

PUBLICATIONS ORDERING

- **If you are the first registered retail owner of your vehicle,** you may obtain one free printed copy of the Owner's Manual, Warranty Booklet or Radio Manuals on your DVD by calling 1–877–426–5337 (U.S.) or 1–800–387–1143 (Canada) or by contacting your dealer.
- Replacement User Guide kits or DVDs or, if you prefer, additional printed copies of the Owner's Manual, Warranty Booklet or Radio Manuals may be purchased by visiting www.techauthority.com or by calling 1–800–890–4038 (U.S.) or 1–800–387–1143 (Canada). Visa, Master Card, American Express and Discover orders are accepted. If you prefer mailing your order, please call the above numbers for an order form.

NOTE: A street address is required when ordering manuals (no P.O. Boxes).

NOTE:

- The Owner's Manual and User Guide electronic files are also available on the Chrysler, Jeep and Dodge websites.
- Click on the "For Owners" tab, select "Owner/Service Manuals", then select your desired model year and vehicle from the drop-down lists.

REPORTING SAFETY DEFECTS IN THE 50 UNITED STATES AND WASHINGTON, D.C.

- If you believe that your vehicle has a defect that could cause a collision or cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying the manufacturer.
- If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, your authorized dealer, and the manufacturer.
- To contact NHTSA, you may either call the Auto Safety Hotline toll free at 1–888–327–4236 (TTY: 1–800–424– 9153), or go to http://www.safercar.gov; or write to: Administrator, NHTSA, 1200 New Jersey Avenue, SE., West Building, Washington, D.C. 20590. You can also obtain other information about motor vehicle safety from http://www.safercar.gov.

In Canada

- If you believe that your vehicle has a safety defect, you should contact the Customer Service Department immediately. Canadian customers who wish to report a safety defect to the Canadian government should contact Transport Canada, Motor Vehicle Defect Investigations and Recalls at 1-800-333-0510 or go to http://www.tc.gc.ca/roadsafety/
- French Canadian customers who wish to report a safety defect to the Canadian government should contact Transport Canada, Motor Vehicle Defect Investigations and Recalls at 1-800-333-0510 or go to http://www.tc.gc.ca/securiteroutiere/

MOPAR ACCESSORIES

MOPAR® ACCESSORIES

- The following highlights just some of the Authentic Jeep Accessories by MOPAR® that have been engineered to customize your Jeep Wrangler.
- To see the full line of accessories, stop by your dealer or visit MOPAR.com.

Chrome:

- Grille
- Mirror Covers
- Tubular Side Steps
- Fuel Door
- Tubular Bumper
- Tail Lamp Guards

Off Road:

- Off Road Bumpers
- Winches
- Rock Rails
- Lift Kits
- Skid Plates
- Off Road Lights

Exterior:

- Black Tubular Side Steps
- Front End Cover
- Air Deflectors
- Soft Tops
- Black Tubular Bumpers
- Cab Covers
- Wheels
- Splash Guards
- Running Boards
- Spare Tire Covers
- Hard Tops
- Fender Flares

Interior:

- Premium Carpet Floor Mats
- Seat Covers
- Slush Floor Mats
- Door Sill Guards

Electronics:

- Portable Navigation Systems
- Heated Seats
- Fog Lights
- Uconnect™ Web (WiFi)
- Ambient Footwell Lighting
- Sirius Satellite Radio
- iPod® Adapter

Carriers:

- Hitch-mount Bike Carrier
- Spare Tire-mount Ski and Freedom Top Carriers
- Hitch Receivers and Trailering Accessories

iPod® is a registered trademark of Apple, Inc.

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NOTES

NOTES

Driving and Alcohol: Drunken driving is one of the most frequent causes of collisions. Your driving ability can be seriously impaired with blood alcohol levels far below the legal minimum. If you are drinking, don't drive. Ride with a designated non-drinking driver, call a cab, a friend, or use public transportation.

WARNING!
Driving after drinking can lead to a collision. Your perceptions are less sharp, your reflexes are slower, and your judgment is impaired when you have been drinking. Never drink and then drive.

JEEP.com

This guide has been prepared to help you get quickly acquainted with your new Jeep and to provide a convenient reference source for common questions. However, it is not a substitute for your Owner's Manual.

For complete operational instructions, maintenance procedures and important safety messages, please consult your Owner's Manual, Navigation/Media Center Manuals and other Warning Labels in your vehicle.

Not all features shown in this guide may apply to your vehicle. For additional information on accessories to help personalize your vehicle, visit www.mopar.com or your local Jeep dealer.

11JK72-926-AA
wrangler
first edition
user guide